e Minima Donnal

FORMING A COMPLETE RECORD OF THE PROCEEDINGS OF ALL PUBLIC COMPANIES.

No. 1355.—Vol. XXXI.

LONDON, SATURDAY, AUGUST 10, 1861.

STAMPED.....SIXPENCE. UNSTAMPED..FIVEPENCE.

M. R. JAMES CROFTS, SHAREBROKER,
No. 1, FINCH LANE, CORNHILL. (Established 17 years.)
Mr. CROFTS is a BUYER of shares in the following mines (cash on receipt of transfer, see exchanges made for other shares):—Brynford Hall, Herward United, Great Martha, great Caradon, Great South Tolgus, East Basset, Herodstoot, Wheal Norris, Marke Valley, ereat Retallack, Old Tolgus United, North Miners, Charlotte United, Tolvadden, and dropt howns.

For Retailack, Old Tolgus United, North Minera, Charlotte United, According Monte.

FOR ABSOLUTE SALE, at any reasonable offer:—10 St. Ivea Wheal Allen, 10 Cardiganshire Consols, 23 Rosewarne and Heriand, 15 Wheal prosper, 50 Prosper United, 100 Nanteos and Penrhiw.

The section of the late Lumherooce Wheal Maria Mine, now leased by the EAST WHEAL MARTHA COMPANY, in 6000 shares, has excellent chances of success. Mr. Chorry having acted as secretary to the Lumherooc for nearly ten years is acquainted with the merits of the new mine, and will answer enquiries from the investing public.

** Holders of mining shares DIFFICULT OF SALE in the OPEN MARKET may hear of purchasers, and also parties IN ARREAR OF CALLS, or sued by merchants, may learn their true legal position and be advised how to act, by applying to Mr. Chorrs.

*** Every description of Life and FIRE SHARES BOUGHT and SOLD.

MR. JAMES LANE. No. 44, THREADNEEDLE STREET, LONDON, E.C.

JAMES LAWE HOR FOR SALE, at nett prices: —20 Alfred Consols, £1½; 50 Birch Tor and Vitifer, £2½; 10 Cornubia, 12s. 6d.; 25 Crebor, 11s.; 50 Daie, 15s.; 10 East Caradon, £24½; 20 East Russoll, £3%; 50 Great Martha, 28s.; 25 Great Retallack, 21s.; 56 Gonamena, £2½; 2 Herodstoot, £36; 50 Lady Bertha, 16s.; 5 Ludoott, £3½; 4 Mary Ann, £9½; 20 Marke Valley, £9¾; 10 Morth Hallenbeagle (£1 paid), 25s.; 10 North Downs, £5; 20 North Nant-y-Mwyn, 5s.; 10 Penhale Moor, £1½; 20 South Condurtow, 14s.; 2 Trolawny, £13½; 20 Worthing, 14s. 6d.; 2 West Caradon, £41; 5 Wheal Anne, 21s.; 25 Ribden, 5s. 6d.; 20 Worthing, 14s. 6d.; and 5 West Rhosesmor, £12.

Mr. Lawe is a BUYER of Ashburton United, Marke Valley, East Caradon, and West Rose Down.

PETER WATSON, ENGLISH AND FOREIGN STOCK, SHARE, AND MINING OFFICES.

79, OLD BROAD STREET, LONDON, E.C. A Telegraphic messages to Buy or Sell Mine Shares punctually attended to.

W. LELEAN, MINE SHAREBROKER, 11, ROYAL EXCHANGE, LONDON, E.C. 4

R. J. S. PHILLIPS, C.E. AND M.E., SHAREBROKER, &c., 12, ST. MICHAEL'S ALLEY, CORNHILL, LONDON.

R. T. ROSEWARNE begs to inform his friends that he has REMOVED from 81 to 75, OLD BROAD STREET.

R. ROSEWARNE has business to transact in the following shares:—
Sedford Consols.
Gawton United.
Garber & St. Aubyn.
Grambier & St. Aubyn.
Drake Walls.
Lady Bertha.
Lady Bertha.
Sortridge Consols.
Sortridge Consols. onsolis, Grambier & St. Aubyn.

Lady Bertha,
North Robert,
North Downs,
Pelyn Wood,
Providence,
Orders per post or telegraph promptly attended to.

Bankers: Bank of London. August 9, 1861.

REMOVAL.—GEORGE RICE, SHAREBROKER, has REMOVED from 10, Austinfriars, to more convenient offices, No. 1, FINCH LANE, CORNHILL.

LANE, CORNHILL, SPECIAL BUSINESS in—
Caradon Consols.

Great Retalilack.

East Russell.

Herodsfoot.

Sortidge Consols.

Tolvadden.

| Great Retailack. | S | Herodafoot. | T | Lady Bertha. | W | Marke Valley. | W | FOR SALE:—30 Brookwood, 12s. 6d. Wheal Unity.

MR. R. H. M. JACKMAN, MINING AND SHAREBROKER, No. 2, ADAM'S COURT, OLD BROAD STREET, E.C., BUYS or SELLS EVERY DESCRIPTION of MINING SHARES at nett prices,

r on commission.

Shares advertised for sale free of charge. A daily list, with the closing prices, sent ratis on application. Telegraphic messages to buy or sell shares punctually attended a supplication, and answered immediately, if required.

Aug. 9, 1861. Bankers: London and Westminster, Lothbury.

OHN RISLEY, SHABEBROKER, 32, LOMBARD STREET, LONDON, E.C.

WILLIAM SEWARD, MINING BROKER, STOCK AND SHAREDEALER, 26, THROGMORTON STREET, LONDON, E.C. Commission, 1½ per cent. on £100 and above, and 2½ per cent. on less sums. /b

R. THOMAS SPARGO, SHAREBROKER, 224 and 225, GRESHAM HOUSE, OLD BROAD STREET, LONDON, E.C. Commission, 2½ per cent.

MESSRS. R. HORLEY AND CO., SWORN STOCK, SHARE, and
MINING BROKERS, 45, CORNHILL, E.C. (late of 2, Royal Exchange-build-M. MINING BROKERS, 45, CORNHILL, E.C. (late of 2, Royal Exchange-builings), continue to TRANSACT EVERY DESCRIPTION OF MINING BUSINES and are in a position to obtain reliable information respecting all dividend and p

MR. GEORGE BATTERS, 5, COWPER'S COURT, BIRCHIN LANE, DEALER in BRITISH MINING SHARES and OTHER SECURITIES.

Mr. BATTERS, from long experience and intimate acquaintance with all Mining Stocks, can advise as to investment of capital, at closest market prices, and has made a selection of Dividend paying and sound Progressive Stocks into which he can with confidence recommend investments at present depressed prices. The favourable turn in the market for metals, and the reduction in the Bank's rate of interest, would point to prices having seen their lowest for the present.

FOR BALE:—5 Cook's Kitchen, £27½; 20 Mark Valley, £9½; 4 West Bryn Gwlog, £325; 10 Bast Caradon, £24½; 100 Great Martha, 28s.; 75 North Minera, 32s.; 6 Billins, £18½; 20 New Treleigh, 35s.

MR. GEORGE BUIDINGS, LONDON, E.C. (Established 14 years), has FOR SALE at nett prices the following shares:—100 East Grenville, 49s.; 25 Great Wheal Busy, £434; 10 Marke Valley, £945; 75 Great Wheal Martha, 27s. 9d.; 50 Unity; 2 East Basset, £76; 2 West Caradon, £42; 5 East Caradon, £243; 5 North Downs, £43; 5 West Bryn Gwlog, £31; 50 Great Retallack, 19s. 6d.; 40 Lady Bertha, 17s.; 3 Herodsfoot; 25 Wheal Norris, 39s.; 25 Tolvadden; 25 Crane : 28 South Frances, £120; O North Minera, 32s.; 3 Providence; 5 Old Tolgus United, £15½; 100 Treveddoe, 7s.; 200 Crowlwm, 6s. 6d.; 25 Charlotte United; 3 Cool's Kitchen, £18; 100 Bon Accord, 22s. 6d.; 20 Pendeen, £534; 25 Treloweth, £3 ss. 6d.; 40 New Treleigh, 35s.; 25 Deep Level, 8s.; 30 Great South Tolgus; 100 North Nant-y-Mwyn, 4s. 6d; 50 Buller and Basset; 2 Buller, £95; 3 Billins, £17; 4 North Treskerby, £21; 100 South Condurtwy, 35 East Devon Consols, 38s. 6d.; 15 Wheal Ludcott, £34; 100 Worth Ing, 14s.; Basset; 2 Buller, £95; 3 Billins, £17; 4 North Treskerby, £21; 100 South Conductors; 30 East Devon Consols, 38s. 6d.; 16 Wheal Ludcott, £2¾; 100 Worthing, 14s.; 1 West Seton, £305.

Sellers of all description of mining shares difficult of sale, likewise holders of life and fire insurance shares, may find purchasers through Mr. Budge.

Daily lists of prices forwarded on application.

PHTEEN to TWENTY, and even TWENTY-FIVE PER CENT. PER ANNUM upon current value of shares, in CORNISH TIN and COPPER MINES.

Dividends payable two-monthly or quarterly.

MESSRS. TREDINNICK AND CO., MINING ENGINEERS, SEND their SELECTED LIST OF SOUND PROGRESSIVE AND DIVIDEND SHARES upon the receipt of a Fee of One Guinea.

Review of Cornish and Devon Mining Enterprise, 5s. per copy.

Maps per post of the Builer and Baset, Great Vor, Alfred Consols, the Providence and Margaret Districts, 2s. 6d. each.

Cornish Mines, well selected, pay better than any other description of securities, are freer from risks, and entail loss responsibilities than banks and other joint-stock companies. Marses bought and sold on commission of 2½ per cent.

Money advanced at 10 per cent. annually, for short or long periods, upon approved Mining Shares.—78, Lombard-street, London, E.C.

BRITISH AND FOREIGN STOCK, RAILWAY, AND MINING SHARES BOUGHT AND SOLD. A considerable amount of money is locked up in mining shares not prominently before the public, and consequently difficult of sale.

Mears. FULLER AND CO., 26, CHANGE ALLEY, CORNHILL, LONDON, invite the holders of such stock to communicate with them, having channels for the purchase and asle of shares of every description, independent of the mining market.

POR SPECIAL SALE:—Measzs.** FULLER and Co. have £6500 worth of shares on hand, paying regular dividends of from 12½ to 15 per cent. **Alos, £2750 worth of progressive shares, upon which from 200 to 300 per cent. profit may be realised in a few meanths, and perfectly free from risk. Full particulars may be had.

Tolegraphic messages promptly attended to.

Bankers: Bank of England.

G E O R G E M O O R L. CROWN COURT, THREADNEEDLE STREET.
In any business that George Moore is favoured with, in which he is the buyer, he will give CASH ON RECEIPT OF TRANSFER.

MR. T. P. THOMAS, MINING AGENT AND CENTRAL

JAMES HERRON has FOR SALE the following SHARES, at 1 South Caradon, £302\frac{1}{2}\$1 St. Ives Cons., £32.
60 Sortridge Cons., 12s 9d.
20 St. Day, 11s. 9d.
25 Sithney Carnmeal (an offer wanted).

offer wanted).

2 So. Bryn Gwiog. £13%
1 South Basset, £12.
2 South Wheal Frances, £12½
2 Silver Rake, £17.
50 Ribden, 5s.
30 So. Herodsfoot, 19s. 6d.
2 West Caradon, £40%.
20 West So. Caradon.
60 Silver Bank (15s. rand)

50 Silver Bank (15s. paid)

JAMES HERRON has FOR SALE the fol the prices quoted, and FREE OF COMMISSION:—

10 Alfred Cons., £1 7s. 9d. 10 Holmbush, £1 12s. 10 Holm

45 Coed Mawr Pool (offer wanted).
20 Cuddra, 37s.
50 Daie, 13s. 9d.
20 Deep Level.
10 Drake Walls, 13s. 6d.
1 Devon Great Cons., £355
10 East Russell, £3 14s. 9d.
5 E. Carn Brea, £7 10s.
25 East Grenville, 40s. 3d.
5 East Carndon, £24.
20 English and Australian Copper, £3 7s. 6d.
30 East Providence (offer wanted).
50 East Wheal Martha. 30 Nant-y-Iago, 14s. 9d. 100 North Down and Rose (offer wanted). 35 North Providence (offer wanted).

30 East Providence (offer wanted).
50 East Wheal Martha.
20 East Devon, 37s.
20 East Alfred, 36s. 9d.
5 Gt. S. Tolgus, £3 2s. 6d.
2 Grambler, £10%.
20 Great Alfred, 9s.
40 Gt. Wh. Martha, 27s 9d.
50 Great Moelwyn, 19s.
5 Gonamens, £2.
50 Great Vor.
40 Great Northern Conver wanted).
15 North Crofty, £5 18s 9d
10 New Frances, 9s.
3 North Roskear, £19.
5 Old Tolgus, £1634.
40 Penhale Moor (an offer 40 Penhale Moor (an offer wanted).
30 Port Phillip, 21s.
1 Providence, £341/4.
2 Rosewarne Utd., £221/4.
10 Rosewall Hill & Ransom,
24s. 3d.

50 Silver Bank (15s. paid)
10s.
2 Trelawny, £14 2s. 6d.
40 Trumpet United, 2s 6d.
40 Trumpet United, 2s 6d.
20 Tamar Con., £1 13s. 9d
25 Utd. Mexican, £4 17 6d.
40 West Rose Down.
30 West Par.
15 West Stray Park, £5½
11 West Stray Park, £5½
20 Wheal Unity, 18s. 6d.
11 West Stray Park, £5½
20 Wheal Unity, 18s. 6d.
12 West Stray Park, £5½
20 Wheal Harriett.
20 Wheal Harriett.
20 Wheal Crebor, 11s.
20 Wheal Harriett.
20 Wheal Crebor, 11s.
30 Wheal Crebor, 11s.
40 West Polmer, 17s. 9d.
41 Wheal Clifford, £185 9d.
42 Wheal Crebor, 11s.
43 Wheal Clifford, £185 9d.
44 West Tolcarne, 8s. 6d.
45 Wheal Clifford, £185 9d.
46 West Folmers, 17s. 9d.
47 Wheal Clifford, £185 9d.
48 Wheal Harriett.
49 West Folmers, 17s. 9d.
49 West Folmers, 17s. 9d.
40 West Folmers, 17s. 9d.
40 Wheal Moyle.
40 Wheal Moyle.
40 Worvas Downs (offer wanted).
40 West Tolgus. 5 Gonamena, £2.
50 Great Vor.
28s. 6d.
2 Great Fortune, £11½.
20 Great Retallack, 17s. 9d.
10 Hings. Down, £1 17s. 6d
3 Herodafoot, £34¾.
And is a BUFE of West Bryn Gwigs, North Minera, West South Caradon, Whea Moyle, and North Wrey.
OLD Tology United.

lirect their attention to its merits.

2, Adam's-court, Old Broad-street, August 9, 1861. MESSRS. VIVIAN AND REYNOLDS, 68, OLD BROAD STREET, LONDON, F.C., MINING ENGINEERS, INSPECTORS of MINES, DOMMISSION, and GENERAL AGENTS for the PURCHASE or SALE of MINE SHARES, RAILWAY, and EVERY OTHER DESCRIPTION of STOCK.

Commission on share transactions, 1½ per cent. on £100 and above, and 2½ per cent. or less sums.

MR. C. POWELL, MINE SHAREBROKER 2, SPREAD EAGLE COURT, FINCH LANE, LONDON, E.C.

MR. EDWARD COOKE, 5, HERCULES PASSAGE, trings those who may favour him with their confidence on the merits of the various mines usually dealt in, and also on any new concerns that are from time to time brought before the notice of the public. Much loss and disappointment may be prevented by a proper amount of caution on the part of the investor. From frequent personal visits into the mining districts, together with many years' experience of the mining market, Edward Cooke hopes to be enabled to render sound advice to parties availing themselves of his services, and prompt cash in all transactions entrusted to his charge.

PURCHASES and SALES in RAILWAY and all OTHER SHARES effected at the usual commission.

MR. J. SYKES, LEEK, STAFFORDSHIRE, is in a position to advise speculators as to the purchase of shares which will increase in value 100 per cent. in twelve monchs. The opportunity should not be lost. He will guarantee 25 per cent. of the loss, if he be allowed 25 per cent. of the profits.

Aug. 9, 1861. Bankers: London and Westminster, Lothbury.

RICHARD CLIFT, MINE SHAREDEALER, late of Redruth, now 48, THREADNEEDLE-STREET, LONDON, where all letters are to be addressed.

R. JAMES HAMMON, STOCK AND SHAREDEALER 1, CROWN COURT, THREADNEEDLE STREET, LONDON.

E. GOMPERS, MINING OFFICES, ML 3, CROWN CHAMBERS, THREADNEEDLE STREET, LONDON, E.C. BUSINESS TRANSACTED In BRITISH and FOREIGN STOCKS and SHARES, ITEMS, 14 per cent.—Bankers: London and Westminster Bank.

JOHN GLEDHILL AND CO., MINE AGENTS AND SHAREBROKERS, MINING OFFICES, CORN EXCHANGE, LEEDS. MESSRS. THOMAS PENROSE and THOMAS PRICE THE UNDERTAKE ASSAYS and ANALYSES OF EVERY DESCRIPTION OF MINERAL PRODUCT, FUEL, and MANURES, at Messrs. Richardson and Co.'s Agasy Office and Laboratory, Copper Ore Wharves, Swansea.

STOCK AND CO., LEAD AND SILVER SMELTERS PENCLAWDD, NEAR SWANSEA.

MESSRS. C. TOOKEY, F.C.S., AND M. W. JOHNSON, F.C.S., ASSAYERS, ANALYSTS, AND CONSTITUTE OF THE CONTROL OF THE ASSAYERS, ANALYSTS, AND CONSULTING CHEMISTS. LABORATORIES, 44, LINCOLN'S INN FIELDS, W.C.

BELL BROTHERS beg to intimate that, having become SOLE LICENSEES in the United Kingdom of Prov. DEVILLE'S METHOD of PRODUCING PURE ALUMINIUM, they are now in a POSITION to SUPPLY, from their works here, both this metal and its compound with copper, known under the name of ALUMINIUM BRONZE.—Newcastle-on-Tyne, September, 1860.

NICKEL AND COBALT REFINING, AND GERMAN SILVER WORKS, 16, OOZELL STREET NORTH, BIRMINGHAM.

STEPHEN BARKER begs to inform the Trade that he has the following articles

REFINED METALLIC NICKEL. | OXIDE OF COBALT. [WIRE, 12]
REFINED METALLIC BISMUTH. | GERMAN SILVER—IN INGOTS, SHEET NICKEL AND COBALT ORES PURCHASED.

GOLDENHILL, COBALT, NICKEL, COLOUR, BORAX, AND CHEMICAL WORKS,

NEAR STOKE-UPON-TRENT, STAFFORDSHIRE.

JOHN HENSHALL WILLIAMSON, MANUFACTURER AND REFINER,

MREference.—Professor Miller, King's College, London.

THE MIDLAND IRON COMPANY, ROTHERHAM MANUFACTURERS OF BEST "YORKSHIRE," and of STEEL IRON TYRE BARS, for LOCOMOTIVE ENGINE, CARRIAGE, and WAGON WHEELS. Also of REFINED, SCRAP, STEEL IRON and "YORKSHIRE" BARS, HOOPS, RAILS, ANGLE IRON, MALLEABLE SHAFTS, AXLES and FORGINGS.

C H A R L E S D A V E Y A N D C O., SAFETY FUSE MANUFACTURERS, ST. HELEN'S JUNCTION, LANCASHIRE.

MR. MURCHISON'S REVIEW OF BRITISH MINING FOR THE QUARTER ENDING 30TH MARCH, 1861, Is NOW READY.
Price One Shilling. At 117, Bishopsgate-street Within, London, E.C.

MR. T. E. W. THOMAS, MINING AGENT AND GENERAL MINING SHAREDEALER, 16, HACKINS HEY, LIVERPOOL.

The following SHARES have been placed in the hands of Mr. Thomas FOR SALE, at the prices affixed, free of any commission:—

JOHN R. PIKE, GENERAL SHAREDEALER, 1/2, 3, PINNER'S COURT, OLD BROAD STREET, E.C.

FREDERICK WILLIAM MANSELL, MINING OFFICES, 1, HATTON COURT, THREADNEEDLE STREET, LONDON, E.C.

Bankers: London Joint-Stock Bank.

MR JOSEPH GREGORY, MINING OFFICES, 1, BANK CHAMBERS, LOTHBURY, E.C. BUSINESS TRANSACTED in BRITISH and FOREIGN STOCKS and SHARES. Terms, 1½ per cent. on £100 and above, 2½ per cent. on smaller sums. Bankers: City Bank, Threadneodle-street.

DEVON NEW COPPER MINING COMPANY (LIMITED).-THREE HUNDRED AND FIFTY paid-up (£2) SHARES in this mine TO BE SOLD, at £1 10s. per share.—Apply to Messrs. ELLIS and Co., 2, Royal Exchange-

A LARGE FORTUNE may be REALISED for ONE POUND only.—For particulars, apply to Mr. Firederick Sintz, banker, of Frankfort-on-the Maine, or letters addressed to him, 28, Clement's-lane, Lombard-street, London.

WANTED, by the advertiser, a SITUATION as BOILER PLATE SHEARER. No objection to go abroad. Good references can be given.—Apply to "A. Z.," Mining Journal office, 26, Fleet-street, London, E.C.

WANTED TO PURCHASE, a SECOND HAND or NEW W HIGH PRESSURE ENGINE, to drive a saw-mill. Engine to have two // horizontal cylinders, about 20 in. diameter, stroke 3 to 4 ft.—Apply to W. O. Johnston, Seghill Colliery, near Newcastle-on-Tyne.

WELSH SLATE QUARRY SHARES.—WANTED TO INVEST, about THREE HUNDRED POUNDS, in a genuine QUARRY, if Leading to the directory preferable, but not indispensable.—Address, "G. S.," care of Mr. Lindley, 19, Catherine-street, Strand.

EMATITE IRON ORE.-WANTED, a SETT of this MINERAL, near a shipping port or railway station.—Terms, with report or full particulars as to quality of ore and situation, to be addressed to "Fides," Messrs. Judd and Glass, New Bridge-street, Blackfriars, London.

COPPER AND LEAD MINES IN MONTGOMERYSHIRE.—
TO BE DISPOSED OF, IN SHARES, most PROMISING WORKS, within five
miles of the contemplated railway to Lianfyllin from Oswestry.—Apply to Mr. Rotle,
solicitor, Lianfyllin.

LATE QUARRIES, IRELAND, TO BE LET, OR SOLD, by the owners in fee. Slates of blush colour, and fine grained metal veins, inexhaustible. Constant water-power. Paying at present 30 per cent. Present samples equal to any Welsh. Situate four miles from Carrick-on-Suir (to which place the River Suir Is navigable for vessels of 200 tons), and the railroad station 14 miles from the city of Waterford.—Apply to WM. DESPARD, Corralganore, Waterford.

TO BE LET, with immediate possession, the HASLAND COLLIERY, near CHESTERFIELD, now in full operation. The plant to be taken to at a valuation, to be made in the usual way.—For further particulars, and to treat, application to be made to ADAM KNOWLES, ESQ., solicitor, Chesterfield; or to Messrs. WOODHOUSE and JEFFCOCK, civil and mining engineers, Derby.

TO COLLIERY PROPRIETORS.—ON SALE, about TWO HUNDRED YARDS of PUMP TREES, and WORKING BARREL, 16 in. bore, in 9 ft. lengths, nearly new. Price, £4 per ton, delivered on rails.—Address, Box F34, Post-office, Manchester.

TO COLLIERY PROPRIETORS.—IMPROVED SELF ACTING TIPPLERS and SCREENS, for LOADING COALS at the PITS with dispatch, and ENTIRELY PREVENTING BREAKAGE. Manufactured by WILLIAMS and Mowle, Egerton-street Foundry, Chester, where models and testimonials may be seen, and every information obtained. Prices moderate. Delivered at any railway station.

TO CAPITALISTS AND MINING AGENTS.—TO BE LET ON LEASE, or SOLD, a VALUABLE COPPER ORE MINE, in the well-known mining district of CARDIGANSHIRE. This promises to be an advantageous investment, as several tons of rich ore have been raised.—Further particulars and antispactory reasons for disposing of the above may be had on application to the proprietor, E. Payce Jones, 65, Tower-buildings, Water-street, Liverpool.

TO CAPITALISTS.—The PROPRIETORS of a FIELD of ONE THOUSAND ACRES of STEAM and BITUMINOUS COAL in SOUTH WALES (the latter being in fail operation), possessing special advantages, are DESTROUS of JOINING any CAPITALIST PREPARED to INVEST £40,000 in the UNDERTAKING.—Apply to "A. B. M.," Post-office, Bridgend, Giamorganshire.

TO ADVENTURERS IN FOREIGN MINES,-MR. HARRY THOMAS VERRAN, of PLACENTIA, NEWFOUNDLAND, who has had considerable experience (under the tuition of his father, and in connection with many other experienced Mining Engineers) is ready to UNDERTAKE the EXAMINATION and REPORTING upon MINERAL PROPERTIES in Newfoundland, the United States, or any other country, where his services may prove useful to capitalists. The greatest confidence may be placed in Mr. Verran, who will use his best judgment in giving reliable information to those who may repose confidence in him.

HORIZONTAL STEAM ENGINES FOR SALE, one each of 14, 17, and 20 in. cylinders, 36 in. stroke, quite new. They are especially adapted for mining purposes, and are very substantially made. Also, several of from 6 to 8 horse power.—Apply to Messrs. E. PAGE and Co., Engineers, Laurence Pountney-place, Laurence Pountney-hill, Cannon-street, E.C.

CONSOLIDATED COPPER MINES OF COBRE.

Notice is hereby given, that a DIVIDEND of ONE POUND PER SHARE. ONSOLIDATED COPPER MINES OF COBRE.—
Notice is hereby given, that a DIVIDEND of ONE POUND PER SHARE, free
of income tax, will be PAID to the holders of certificates in this company, at the offices
of the association, Gresham House, Old Broad-street, on and after TUESDAY, the 20th
lay of August next, between the hours of Eleven and Three o'clock. The proprietors
must leave their certificates for examination three clear days before the day of payment.

WALTER SHAIRP Directors of the

GEO. WHITMORE Gresham House, Old Broad-street, July 30, 1861.

PORT PHILLIP AND COLONIAL GOLD MINING COMPANY (incorporated by Royal Charter).—Notice is hereby given, that a DISTRIBUTION of ONE SHILLING PER SHARE on account of the FOURTH DIVIDEND on the shares in this company was DECLARED at an extraordinary general meeting of the company, on the 31st uit., PAYABLE on and after the 13th of August inst., and that warrants for the same will be forwarded to each shareholder on the receipt of claim duly filled up.

Offices, 35, Bucklersbury, Cheapside, London, August 1, 1861.

THE WORTHING MINING COMPANY (LIMITED).—Notice is hereby given, that the ORDINARY ANNUAL GENERAL MEETING of the shareholders in this company will be HELD at 20, St. Helen's-place, Bishopsgate, E.C., on MONDAY, the 12th day of August next, at Two o'clock in the afternoon precisely, to receive the report of the directors and balance-sheet of the company for the past year; to elect two directors in the room of W. G. Jackson, Esq., and C. R. Essex, Esq., going out of office by rotation, but who are eligible for re-election, and offer themselves accordingly; and to transact the ordinary business of the company.

By order of the Board, GEORGE LAYINGTON, Sec.

MR. LEE STEVENS, 36, CANNON STREET, E.C., PROMOTES JOINT-STOCK COMPANIES, FINANCIAL ARRANGE-MENTS, CONTRACTS for ENGINEERING WORKS, &c., in whatever stage, from taception to completion.

Original Correspondence.

PRACTICAL PAPERS on COLLIERY OPERATIONS-No. IX. VENTILATION OF MINES.

-I omitted to state in my last letter that when fire-damp is mixed Sig.—I omitted to state in my last letter that when fire-damp is mixed with only a small proportion of carbonic acid gas it renders the force of an explosion less violent, should one occur; and when the mixture contains one-fifth of carbonic acid it is rendered non-explosive. It may even be non-explosive with a less percentage of carbonic acid than the proportions stated, but the writer has not yet satisfied himself upon that point. He is speaking of gases collected in the mine, and not artificially produced. Carbonic acid gas is given off in great quantities in some coal mines, but it does not often happen that lives are lost in the working of a colliery by the accumulation of this gas, excepting the greatest recklessness is practised, as the candle will be extinguished in most cases before respiration is difficult, though much depends upon the strength of the constitution. The difficult, though much depends upon the strength of the constitution. The writer has himself fetched two men out of this gas on separate occasions, who would otherwise have been lost, without feeling the slightest ill effects who would otherwise have been lost, without feeling the slightest ill effects from so doing. He has also known several men to become stupified and fall down motionless from working in an atmosphere containing carbonic acid gas, but not in such quantities as to perfectly extinguish the light. If the workman is permitted to work for any length of time in an atmosphere where the candle will not burn unless it is placed horizontally, it must necessarily produce the worst effects upon the constitution of the most robust. Men are, unfortunately, often compelled to work for weeks together in an atmosphere of this kind in some collieries. It is not three months since the writer was passing through a district some distance from home with a case of plans under his arm, and in walking a distance of less than a mile was accosted by three colliers, from one and the same home with a case of plans under his arm, and in walking a distance of less than a mile was accosted by three colliers, from one and the same colliery; all made the enquiry, was I the Government Inspector? Each of them assured me that they had been working for weeks in an atmosphere where the candle would not burn within a dozen yards of where they were working, and if they could only have a good light they could earn plenty of money. I gave each of them the Inspector's address, and requested them to write to him, and in so doing considered I was performing a duty. One of the three told me he had got a shopkeeper to write to the Inspector at a previous period, and he came and inspected a portion of the workings, but, unfortunately, did not go to that part of the mine where the evil existed.

Upon the authority of Leblanc, a light is extinguished if the air con-

where the evil existed.

Upon the authority of Leblanc, a light is extinguished if the air contains from 4½ to 6 per cent. of carbonic acid gas, and that in such an atmosphere life may be kept up for some time, but respiration is oppressive. Upon the same authority we have it stated that if the air contains 1 per cent. of this gas, it is the maximum quantity for safety, and strongly recommends ventilation if the atmosphere of a room contains this proportion. These statements however do not agree with these med by other proportions. commends ventilation if the atmosphere of a room contains this proportion. These statements, however, do not agree with those made by other authorities. If we may judge from the evidence given some years ago by some London chemists on the effect of Joyce's stoves, it would appear that great diversity of opinion existed as to what quantity of carbonic acid is really life destroying. The quantity of air respired per minute is also a subject upon which authorities are divided. Some have stated the quantity to be 720 in. per minute, whilst Sir Humphry Davy only estimates the quantity at 338 in. The later experiments of Liebig and others have confirmed in a remarkable manner the correctness of Sir Humphry Davy's experiments. It has also been estimated that the amount of vapour exhaled per minute from the body varies from 30 to 45 grains. Liebig estimates that 14 ounces of charcoal is burned daily within the body, and states that the only difference between the combustion of a fire or candle haled per minute from the body varies from 30 to 45 grains. Liebig estimates that 14 ounces of charcoal is burned daily within the body, and states that the only difference between the combustion of a fire or candle and that of the various component parts of the human body is that in the latter the process is carried on much more slowly, yet not the less certainly. The air thus vitiated by the respiration or combustion of the human body is that which ought to be removed by an efficient system of ventilation. White-damp, or sulphuretted hydrogen gas, is said to be sometimes found in coal seams, but it is open to considerable doubt whether this gas has ever been found in the actual workings of a colliery. I have on two occasions known the so-called white-damp to be found; once in driving a tunnel, and once in sinking a shaft. In neither case was a current of air conducted within many yards of the point where the men were working. At the periods when the gas was found I was not capable of determining whether it was anything more than sulphurous acid, which is well known to form one of the elements of powder smoke, and a gas that is also given off in most coal measures. I should be inclined to doubt at the present time whether sulphuretted hydrogen gas is ever found in the mine, excepting what is evolved from the decaying of animal matter. There are many other sources of impurities in the mine besides those referred to, such as the heating of pyrites in the gob, or goaf, and the rapid decaying of animal excrement. From both these sources gases are evolved in large quantities, that are unquestionably injurious to the healths of those entering the mine, but especially to those who are compelled to spend a third of their lifetime in such an amosphere.

The decaying of vecetable matter in the moist atmosphere of the mine. their lifetime in such an atmosphere.

The decaying of vegetable matter in the moist atmosphere of the mine is also another source from which the air is vitiated. It will, perhaps, be better understood how far the atmosphere of a mine may be affected through this source, if it is stated that at some collieries from 8 to 12 tons per day of timber is sent down one shaft, and by far the greater portion

per day of timber is sent down one shaft, and by far the greater portion of it left in the gob to decay of dry-rot.

Many mines are worked at depths that fix the temperature at 70° and upwards. It may be well to observe that a part of the increased temperature is due to the density of the air, which increases with the depth: at a temperature of 74° an increase of 5° is due to the density of the air. I do not intend to enter into the minutise of the effect produced on the atmosphere of the mine by the combustion of lights, the using of blasting powder, and the stench arising from almost stagnant water, and the dust arising from the operation of getting or hewing coal, as I consider the reader will already be convinced (if not previously so) that something more is required than perfecting the safety-lamp, so as to allow of its being used under all circumstances, and rendering it a substitute for deficient ventilation, as it certainly would do, if we may judge from what comes before the public. I deeply feel the responsibility of writing upon this important subject, especially so when I see such authorities as the late respected Herbert Mackworth, Blackwell, Dickinson, and others advocating the exclusive use of the safety-lamp; and that from force of conviction ing the exclusive use of the safety-lanp; and that from force of conviction of the change being fraught with the direst evils, I am reluctantly comof the change being fraught with the direct evils, I am refluctantly compelled to differ in opinion from them. To me it appears to be the question that is to decide or determine whether the miner must be slowly poisoned, and be at the mercy of the most unscrupulous and unprincipled employer, and whether the miner is to lose all features of the stardy, stalwart miner of the last generation. It is unquestionably the case that as a body they have lost much of that physical vigour for which they were formerly noted. Is this to be wondered at, seeing that the ventilation of collieries in many parts is conducted upon the same principle as when only a tithe of the men were engaged in one shaft, when the present depths were unthought of, and pits were sunk in such close proximity as they are yet unthought of, and pits were sunk in such close proximity as they are yet to be seen at some old collieries? When the exclusive use of the lamp is insisted upon, and its merits spoken of in preventing loss of life, no cognisance is taken of accidents that may arise from working with an insuffi-cient light, and thereby not being able to guard against accidents in the nner as if a better light were employed.

It will be seen from what has already been adduced that no maximum or minimum quantity of air can be fairly fixed for the ventilation of a col-liery, as what might be adequate to-day might be inadequate to-morrow at the same colliery; therefore it in a great measure depends upon the managers of collieries whether they are properly ventilated or not, as the they are properly ventilated or not, present staff of Government Inspectors are quite unequal to the task of inspecting the number of collieries in their respective districts; in fact, much of their time is taken up at present in investigating the causes of explosions and accidents, rather than in examining, and offering suggestions to recognition to recognition to recognition. are quite unequal to the task of

explosions and accidents, rather than in examining, and offering suggestions to preyent such accidents occurring.

The methods of producing a current of air sufficient to meet the wants of an extensive colliery are simple and effective; for whether the furnace, steam-jet, or machine be used, an efficient quantity of air may be put into circulation to effectually ventilate most collieries, provided it is properly distributed or apportioned through the workings, and the operations of getting coal are systematically conducted. It is more a question of economy than of any of the methods being inadequate to put into circulation a sufficient quantity of air; that is, assuming that each of the beforementioned methods of producing a current of air is well represented. I do not underrate the importance of exercising due economy in every department of colliery management, but I think if one system of producing a current of air is more effective than another, and on rare occasions it may be required, a slight extra cost ought not to stand in the way of the

most efficient system being employed. The bottom furnace is beyond doubt the most effectual system of obtaining a current of air that we are at present acquainted with, and probably the most economical. The simplicity of its application, and the almost impossibility of its getting out of order, give it an additional advantage over the best ventilating machines. Mr. Struvé's Mine Ventilator is an effectual machine, and probably stands at the head of its class, but powerful objections may be raised against it being employed in lieu of the furnace. Perhaps the most prominent are that it does not possess the same adaptability of being applied to meet the requirements of the mine in case of emergencies, when more air may be required than the machine is capable of putting into circulation; that it is liable to have its parts deranged, however nicely the machine may be adjusted, especially so when it is considered that it has to be in constant motion, no one can doubt. If this should occur in a sudden and unexpected manner in a fiery seam, where naked lights are used, the most calamitous results, in all probability, would follow. Nor will it bear comparison with the furnace in point of economy, provided each is charged with all the items of expense that is incurred by it. It may probably do so providing nothing is put down for repairs of machinery, boilers, &c., and the expense of working the engine put down to the account for pumping water. In order that the bottom furnace may produce the greatest effect by the consumption of a given quantity of coal, it is necessary that it should be constructed as deep in the mine as possible, as then the heated column of air in the upcast shaft becomes of the greatest height. I refer to this from great numbers being built in mouthings, at not more than one-half the depth of the shaft, and in consequence losing much of the effect that would be produced providing they were placed at the bottom of the shaft. The furnace should be so constructed that the air can pass freely both under as to render it impossible for it ever to be ignited by any heat that might be obtained at a furnace: if not, it is only necessary that two walls be built in lieu of one, the one next to the fire to be a brick breadth from the outer one, so that a current of air can always pass between the two walls, which will serve to keep the outer wall at a very low temperature. When it is necessary to keep the temperature of the upcast shaft at more than 100 of heat, no workmen ought to be compelled to ascend or descend such shaft, as it must have the worst effect upon the health, for it is there that all gases and impurities from the mine are collected, independent of the effect of the smoke and heat from the furnace. I have seen many men become sick and vomit by ascending and descending upcast shafts where a high temperature has been maintained. It is decidedly better to use an upcast shaft for no purpose but ventilation where the workings are extensive, as the effect produced by the same consumption of fuel is double and sometimes more than that when the upcast is free from those obstrucand sometimes more than that when the upcast is free from those obstructions that must necessarily impede the progress of the air in a shaft that
is used for raising coal as well as for an upcast. In mines at great depths
from the surface this would materially add to the expense of getting coal,
but matters assume such an aspect at the present time that the question
of cost, so long as kept within reasonable bounds, can only be considered
of secondary importance. The upcast shaft should invariably be upon the
rise of the downcast, so that the furnace may be assisted by natural means
as far as possible. In a fiery seam the advantage derived from having the
upcast upon the rise of the workings is very considerable, but this will be
more fully treated upon in the next paper. The upcast shaft ought to be
bricked from top to bottom, and the bricks set in mortar, and all the water
that percolates through the strata caught and properly conducted down
the shaft in pipes. If this be neglected the useful effect of the furnace is
much impaired.

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The Steam-jet is far from being as powerful an agent as the furnace, but, nevertheless, a sufficient quantity of air may be obtained by the steam-jet to meet the wants of an extensive colliery. Diversity of opinion exists as to which way the steam acts in putting the air in motion; some have described it as acting by impulse or partial vacuum; but the great probability is that the principal effect obtained is by heating and rarefying the air, and thus causing the heated air to ascend. On the grounds of economy it will not bear comparison with either Mr. Struve's ventilator or the furnace; it requires at least the consumption of four times the quantity of coal to produce the same effect as could be produced by the furnace; it is also open to the objection of making a wet shaft by the steam condensing; but from the small cost at which it can be applied where there is surplus boiler room, it affords a useful method of producing a current of air. The way that I have applied it has been to simply attach one or more pipes, of 1 in. diameter, to a boiler carrying 40 lbs, pressure, and conveyed down the shaft to such a distance as the heated column of air would be equal to putting into circulation the quantity of air required. To each of down the shaft to such a distance as the heated column of air would be equal to putting into circulation the quantity of air required. To each of the pipes is attached a stop-cock, so as to allow of the steam being regulated or shut of if any repairs are required in the shaft. My reason for adopting this system is, that it is much more healthy and agreeable for the banksmen than when a furnace is employed. If engines are used for drawing coal up the incline of the mine, the exhaust steam and heat from the boiler furnaces, if conveyed into the upcast shaft, act as a good ventilating agent. The deeper the shafts are the greater is the advantage the furnace possesses over any of the ventilating machines.

Jos. Goodwin.

VENTILATION OF COLLIERIES.

SIE,—Your able correspondent, Mr. Jos. Goodwin, is, I am glad to see, impartial enough to give me credit for having propounded a system of colliery ventilation which looks as reasonable upon paper as any that has been brought forward; and as this opinion emanates from a practical man, I congratulate myself upon my excellent prospect of meeting with coal-owners of practical experience equal to that of Mr. Goodwin, and who, being desirous of doing their utmost to scene the safety of their work men. owners of practical experience equal to that of Mr. Goodwin, and who, being desirous of doing their utmost to secure the safety of their workmen, will not permit a reasonable "proposition" to be passed by as useless until in practice it has been actually found to be so. I observe, moreover, that Mr. Goodwin "does not much doubt the feasibility of Mr. Hughes's method in sinking skafts or driving tunnels, or in working metallic mines; but whether it will bear comparison with other methods of ventilating in regard to economy, is a question that remains to be demonstrated." Here Mr. Goodwin expresses precisely my own opinion, and so confident am I both of its economy and efficiency that I am quite willing that my success should depend upon the satisfactory demonstration of Mr. Goodwin's problem, a demonstration which I confidently believe will be quickly arrived at, there being no doubt of the correctness of his assertion that there are colliery proprietors who are really desirous to render their mines safe are colliery proprietors who are really desirous to render their mines safe

and healthy.

Mr. Goodwin refers to the breakage of a pipe as something of a very serious character, but keeps from view the facts that it is an accident which would be easily remedied, and that the result, so far as the impeding of the rentilation is concerned, would not be more dangerous than the closing of the level if the pipe were not there. If the pipe were not actually com-pressed by the meeting of the floor and roof, the ventilation would con-tinue, and if the floor and root met the ventilation would, under ordinary tinue, and if the floor and roof met the ventilation would, under ordinary circumstances, be stopped, whilst the tendency of the pipe would undoubtedly be to keep the air passage open. The pipes I propose to use will be of wrought-iron, connected together by band joints. I may here digress for a moment to refer to Mr. Brough's statement that 200,000 cubic feet of per minute would not have prevented the Risca explosion. I respectfully submit that this opinion is erroneous, and that any mine which requires one-half that quantity of air to ventilate it is scarcely worth working for coal, as a far more valuable product would be obtainable. Thus, assuming even that gas is not rendered harmless with less than 20 times its bulk of atmospheric air, it follows that each 100,000 cubic feet of air passed into the mine would neutralise 5000 cubic feet of gas. Then, if the colliery give off 5000 cubic feet of gas per minute there would be a duily yield of (5000 × 60 × 24) 7,200,000 cubic feet, or an annual production of just 2,628,000,000 cubic feet of gas. The money value of this daily yield of (5000 × 60 × 24) 7,200,000 cubic feet, or an annual production of just 2,628,000,000 cubic feet of gas. The money value of this quantity of gas at 2s. per 1000 cubic feet (which is half the actual average price) would be no less than 262,800l. Now, if the colliery produced 500 tons of coal per day, worth at the pit's mouth 5s. per ton, the value of the coal would be only 45,625l., being only about one-sixth that of the gas. But I do not wish it to be supposed that I would advocate the working for gas instead of coal. I do not believe it would pay, but I give these figures to show that the mode usually employed for calculating the quantity of atmospheric air passing into a mine is erroneous. The thoughtless assertions made as to the quantity of air necessary to be passed into a mine

would really prove, were they true, that in a colliery nearly as much gas is obtained from each ton of coal without heat as is obtained above ground

would reany prote, we step true, that in a contery hearly as much gas is obtained from each ton of coal without heat as is obtained above ground in our expensively constructed gas-works.

I think I may claim having studied the nature of gases rather minutely, and cannot see any reason to doubt the universally admitted fact that fire-damp is lighter than air. If, then, 10,000 cubic feet of pure air be discharged at the farther extremity of the bottom of the mine, will not the fire-damp necessarily be expelled to the surface. It is known, too, that "Nature abhors a vacuum." By forcing air into the top of a diving-bell, the water is kept out, but if it were attempted to keep the bell dry by pumping the water from near the bottom the result would be a failure, although the bell should be an inverted cone, so as to permit the largest possible ingress of air. My opinion is that in all existing systems of ventilation much power is lost through the stretching and breaking of the air, if I may so describe it. By this I mean that there is often practically very little air passing, when theoretically there seems to be a great deal. Take for example the class of machine used at Risea. Suppose it to contain 6000 cubic feet of space, and to make eight strokes per minute, theory would say that 48,000 cubic feet per minute were passing; but inasmuch as the exhaustion principle is that so well known in its application to the air-pump, I contend that before the pump has made 20 strokes the air would be so far rarefied that the pomer of the pump would be reduced much below its capacity.

By introducing the air as I propose on the surply system I shall et least.

pump, I contend that before the pump has made 20 strokes the air would be so far rarefied that the power of the pump would be reduced much below its capacity.

By introducing the air as I propose on the supply system, I shall at least secure a complete change of air once in a given time (which can be regulated to meet the probable maximum requirements of the pits). My stem, moreover, would force the gas into the coal instead of drawing it is as is done at present; this is most important. I would ask where do thes sudden rushes of gas come from but the old workings? Has the miner ever met with a hole in the whole coal that would hold 10,000 feet of gas? Yet upon the present system of ventilation gas-holders are first formed to facilitate the accumlation of gas, and then this gas is pumped out to contaminate the workings, unintentionally, because the stoppings are believed effectually to cut off communication with all behind them. Upon my system, when an escape of gas is met with the lights would be removed, an additional length of pipe carried into the space, and the gas cleared out. I may remark that by the application of very slight pressure air may be made to pass through tubes such as I propose at 20 times greater speed than at open ways, and would continue when others failed; all not actually killed by the force of an explosion would at least be saved. For instance, had my system of ventilation been in use at Clay Cross, the men who divided the horse might now have been alive, as an ample quantity of air could have been supplied to them.

R. H. Hughes.

Atlas Safety Gas-Fitting Works, Hatton-garden, Aug. 6.

ACCIDENTS IN COAL MINES-VENTILATION.

Sir,—On reading the Journal of July 27, I find you gave some passing comments on my invention for extracting fire-damp from coal mines as being impracticable. Being the patentee, I wish to make a few remarks as to the practicability and simplicity of my invention. Carburetted hydrogen gas is, as all are aware, lighter than atmospheric air, and if left undisturbed will find its way to the upper cavities of coal mines. Water and carbonic acid gas being heavier will take its place in the lower parts of a mine. If an owner of a mine were troubled with springs of water in his workings, he would spare no expense to remove them; he would either cut drains, or use pumps or syphons—in fact, he would bring all his scientific skill to bear on the subject. Fire-damp not being seen or felt (although equally dangerous) is not noticed, until a fearful accident places its horrors before him. I most respectfully beg to introduce my plan for extracting the fire-damp from coal mines, hoping that if any imperfections in its working details may appear they may meet with the attention of scientific genthe fire-damp from coal mines, hoping that if any imperfections in its working details may appear they may meet with the attention of scientific gentlemen, so that the fearful destruction of human life may be averted. The plan I propose is, that in a mine where fire-damp accumulates a pipe or pipes should be introduced down the pit, and fixed along the sides of the road-ways to any large goaf, or cavity, where fire-damp may be, or which may be made a reservoir for the drainage of the mine. I then would fix a pipe, connected with the one in the road-way, to ascend into the highest part of the goaf, or cavity; next, I would exhaust the atmospheric air out of the pipes at the top of the pit, which when done the gas will flow in and through them to the top of the pit, as long as any gas is evolved in that part of the mine, and so on to the end of time (if no accident should take place to obstruct the current of gas)—in fact, gas may be as easily drained part of the mine, and so on to the end of time (it no accident should take place to obstruct the current of gas)—in fact, gas may be as easily drained this way as water by a syphon. I feel so far confident that were my plan adopted a considerable saving would be effected in the present ineffectual system of ventilation, and I have no doubt that the safety-lamp may to a great measure be dispensed with, for I can prove that fire-damp can be easily removed from the mines at a trifling expense. J. G. WILLIAMS. Blaenavon, Aug. 5.

VOLCANIC ACTION.

Sin,—I am sorry to find that Mr. Evan Hopkins has made an enquiry under this head in the Journal of June 22, without my having observed that the enquiry was addressed particularly to myself. I think there must be several examples of change of coal through the effect of volcanic heat be several examples of canage of coal through the effect of volcanic near to be at present seen in situ in English collieries, and I have no doubt but that the gentlemen in authority in those places would be glad to show Mr. Hopkins the locus situ of such examples. Should Mr. Hopkins come to Glasgow—and I shall certainly be very glad to meet with him—I think there will be no difficulty in seeing good examples of coking coal from trap dykes in Dykehead Pit, near Glasgow; at Newton Pit, near Glasgow, and at the Old Pit, Dalzellowie, Ayrshire.

School of Mines Glisson Agriculture. School of Mines, Glasgow, Aug. 5.

MINING AND MINERS IN SPAIN AND PORTUGAL.

SIR,—Having travelled hundreds of miles through these countries without knowing a single word of the language, or meeting with a person who could speak a word of English for days together, I had no alternative but to look with my eyes and exercise my brain. I was much surprised at the condition of these old maritime countries, that had been known as kingdoms for centuries (almost as long as time itself), having been conquered and governed by the Moors and Romans, and for many centuries by the present dynasty, and which for five centuries past have had all the riches of Peru and Mexico poured into them; and during the last century have passed through the great convalsion of the Peninsular wars, where mighty armies suffered reverses, and ultimately retreated. It is only within the last few years the ordinary common cat-road has been formed, the pack-horse, mule, or donkey being the only means of conveyance, taking all their loads in grass-bags on their backs. Of late the electric telegraph, the railroad, and ceen steamers have cast a shade of light on these forlorn lands, where a first move has just been made in the right direction,—making common cat-roads to communicate with the principal towns, and one main line of railway through the country is commenced, little of which is yet complete. The common cat has wooden axies, on which the wheel are made fast, the journals being 6 in diameter, running wood on wood. There is my a wheelbarrow or shovel to be seen, except in the track of Englishmen. They have not a scythe in the country, but, as in Scripture, they gather their corn in heaps in the fields, and take in their cattle (either bullocks or mules) to tread it out. Grass they gow but little of which they cut by sitting on the ground and with a knife cut two handfulls SIR,-Having travelled hundreds of miles through these countries witha wheelcoarrow or showed to be seed, except in the trace of Logislamen. Likey has a scythe in the country, but, as in Seripture, they gather their corn in heaps in the and take in their cattle (either bullocks or mules) to trend it out. Grass they gro little of, which they cut by sitting on the ground and with a knife cut two has wide, the man shifting himself backward with each operation; by this method to men cannot cut an acre in a week. The beam of the plough is made fast to a yok receiver the two mules of bullocks, it has now handle only and has righter or

wide, the man shifting himself backward with each operation; by this method twenty men cannot cut an acre in a week. The beam of the plough is made fast to a yoke connecting the two mules or bullocks; it has one handle only, and has neither coulter, grates, or mould board, and can only just accore the ground. Manure, like chimneys it their houses, is apparently unknown.

Could an Englishman for a moment suppose that in old countries like these, governed for centuries by a host of kings, enjoying the vast wealth of Peru, they could be in such a degraded state in the insteach occurry? I ask, what would be the feelings of Englishmen to see the corpse of either father, mother, brother, or sister placed within foot cover it, till another corpse is brought to be lain on it in a similar manner. When the pit is full a former pit is cleared out for the new corpse, and the decomposed mass gathered in a heap and burnt; so this horrible system of interment continues progressively. More respect is there shown to the brute beasts; the donkey usually receives decent kind of interment, being covered with clay, and never after disturbed. The law, too, wants much revision. A man is prohibited killing his own bullock, sheep, goat, or pig, even for his own use. The Government either sell or give the right of killing two, three, or more butchers in every town, as may be required, who kill and dispose of all cattle as though it had been their own private property; so much so as a right to an estate of land is held in England.

I might mention a thousand things such as these, which is a great bar to the progress of the country, preventing exports, imports, and general advancement. For the present of the country, preventing exports, imports, and general advancement. For the present of the country, the property is on the country. My passport cost me upwards of 201. in money and less of time; getting it handed over the time being, are those who make the money; they even ask for bribes, without which they will not take you on board; this

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and resolom to a long-injured people, who I believe to be open-hearted and generous, and who, I am sure, would shed their hast group of blood in supporting the cowand head it ages of posterity the moment who has wishom and courage to encere given such a benighted static. They would also will redoubled aplendour, and silence at once all contents of the contents of

GREAT WHEAL ALFRED.

when I return from my next tour, as I go out again in a week or two.

Nicholas Ennor.**

GREAT WHEAL ALFRED.

**Sin,—By the report of the meeting of adventurers, held in London on July 30, I perviewe that the labour cost, merchants bills, and salaries of agents for May, June, and so July amount to the enormous aum of 52931. 163. 11d., averaging 17661. 5s. 7d. per menth, the merchants' bills being 17211. 18s. for the same period. Now, how these sums have been expended I am unable to discover; and from the accounts being kept in London y charges or discrepancies in the accounts. The committee of management are, no doubt, in their own estimation very clever men, and fully conversant with mining accounts, and the manner in which a mine 300 miles off ought to be conducted. I suppose also that they are fully capable of saying what levels, pitches, or stopes ought to be worked, and what ought to be suspended; but I, as a large shareholder, have great doubts of the mining qualitations of this said committee.

Mr. James Hollow, of Lelant, appears, from your report of the proceedings, to have been the star of the meeting—the Demosthenes of the party. He, in the plentitude of his widom, had the report of the mine from Capt. Trelease all cut and dried for the location, and in whom he stated the Cornish adventurers had great confidence. Capt. Trelease may be a very clever man, but that he has the confidence of all the Cornish shareholders I deny; and I assert this without the fear of contradiction from any one, that he was a most improper person for the purpose, having been previously appointed by the lords to inspect the mine. No man can serve two masters. Why did not Mr. James Hollow, of old and valued agent, Capt. Thomas Richards, or Capt. Tredians. It is quite clear that no man in his right senses would recommend extending the 142 cast, where the lode is miserably poor and unkindly, when westward is our best against and have for the opinion of practical men whom I have consulted unlined by profitable ground. Mr.

GREAT WHEAL ALFRED.

Sin,—Some months since there was a paragraph in the Journal, describing how a certain Scottish mining property, after having many thousands spent upon it by a private gentleman, was advised by the officials operating to give up further expenditure and relinquish the mine into their hands. But just as he was on the eve of doing so he had some visitors acquainted with mining property and mining men's practices. One of these gentlemen, after dinner, proposed a visit to the mine, and entering a level he took a pick and drove it into the side, when down came abundance of rich ore. This operation was repeated in each level with similar results. He discharged the officials he had until then engaged and employed a fresh staff of men, since which period he has realised an immense fortune from the mine, described as valueless by what are generally called the old men or ancients.

The shareholders of Great Wheal Alfred have spent in cash upwards of 70,0002., and as much in ore brought forth in course of working, to drive levels, erect machinery, lay railways in the mine, and sink shafts. I say, then, to the shareholders, pause before you authorise a stoppage of the works, and give up the immense quantity of ore discovered into hands that have tolled not, and who have paid nothing for the development of its riches. The labourer is worthy of his hire; and why should not the patient shareholders in this property be repaid their vast outlay? A few weeks since an influential firm stated that the shares in Great Wheal Alfred were then well worth picking up; that 33,0002, worth of ore was discovered, and that the machinery was worth 12,0002, more, equal to 50,0002, in all. If the property is now stopped it will most probably go into other hands for a nominal sum; not more than 11, or 30s, being eventually divisible amongst the proprietary, and that probably after many months, and perhaps never.

If the mine is to be stopped, let it be well and thoroughly examined first by a competent, conscientious, and thor

GREAT WHEAL ALFRED.

agents, in the manner I have advised, and let not their property be transferred into the hands of stransgers. Buil it the sum into the retained patter alt, but the so under the hands of stransgers. Buil it the sum in the property of the p

GREAT RETALLACK.

GREAT RETALLACK.

Sir.,—The public generally pretty well understand the object of such communications as that of your anonymous correspondent in last week's Journal respecting this mine. His misrepresentations, however, must not be passed by unnoticed, and I will thank you to allow me a space in your next impression for this reply. It is not true that in a few fathoms sinking the shaft will be entirely out of the set; nor is it correct that the Sis only 8 fms. from the boundary. In reference to the former, it is being sunk on the course of the big lode, which underlies south, and at its present underlie there is no probability that even the south part of it will be out of our set in this part of the mine at a depth of 100 fms.; the lode varies from 10 to upwards of 30 fms. in width, so that if it continues this size in going down, the north part will be in our sett deeper than 120 fms. from surface, and if the lode yields much lead in depth, the north side will be the most likely place to find it.

120 fms. from surface, and if the lode yields much lead in depth, the north side will be the most likely place to find it.

The writer of the letter in question tells us that it is stated that the shaft in which we have the improvement will be entirely out of our sett in a few fathoms sinking; we have the tell us something about the improvement itself? Has he not also heard that the part presenting such good indications for lead-comes into the shaft from the south, and that so far as has yet been seen of it it is about perpendicular, if not actually underlying north into the very heart of our sett? Has he not heard that some have supposed it to be altogether a distinct lode? Why single out this bit of rumour, got up by interested parties? It may not suit his books to tell the whole truth, but the adventurers will have learnt from the reports that although we have not sufficiently opened on the new discovery to say much about it, yet enough has been seen to sa-

opportunity of answering the statements made. We must state, however, that had Mr. Kevern attended the meeting, or even have read our report of the proceedings with sufficient care, he would have had a different impression of much of which he now complains. It is fy us that our prospects for lead in depth are greatly improved. As to the 35, we have yet towards 20 fathoms to the boundary, and many hundreds of tons of bleede are ficient care, he would have had a different impression of much of which he now complains. It is fy us that our prospects for lead in depth are greatly improved. As to the 35, we have yet towards 20 fathoms to the boundary, and many hundreds of tons of bleede are field performed. The second is also laying open tribute ground, and we caterian Scottish mining property, after having many thousands spent upon it by a private gentleman, was advised by the officials operating to give up further expenditure and relinquish the mine into their hands. But just as he was on the eve of doing so he had some visitors acquainted with mining property and mining pr

GREAT RETALLACK-DUCHY AND PERU.

The following letter has been addressed to Messrs. Watson and Caell:—
Gentlessen.—I observe in the Mining Journal of Saturday a communication from a correspondent, under the signature of "Duchy and Peru," making some remarks as to the nearness of the workings in Great Retailack to the Duchy and Peru boundaries. I think it only justice to my co-partners, fellow-agents, and myself, to disclaim all knowledge of such a communication till it appeared in the columns of the Journal.

I am, gentlemen, your obedient servant, Thos. Bleekelssor, Purser of Duchy and Peru.

LEAD MINES.

St. Anges, Aug. 5.

Purser of Duchy and Peru.

LEAD MINES.

Sin,—Lead ore within the last few months has dropped from 20 to 25 per cent. In value, and some lead mines have fallen just in the same proportion. Now, is it wiss for any shareholder in lead mines to sell at the present time? Undoubtedly not; but, on the contrary, he should buy from those who are weak enough to sell. Supposing the dividends for three or four months are a trifle less than usual, is that any reason why he should sear-fifee twenty times as much by the sale of his shares? To show the folly of such a proceeding, I will instance the finest lead mine in Cornwall—Henonstoor—the shares in which a short time since were solling at 41., and they are now quoted at 34., but whether there are any sellers or not is another question. Now, the mine, I am told, is as good as ever, and the quantity of silver in the last lot of ore sold was just 2 oss. to the ton less than the former lot (a variation which, I presume, is continually taking place, and even to a much greater amount in most mines). Well, let us suppose that the dividend is reduced to 35s., or even 30s., instead of 40s.; here will be a falling off of 5s. or 10s. on a share, and yet if a share is sold no less than 71. will have to be serificed. I am supposing that a less dividend than the last one will be paid, but I have no right to suppose any such a thing, as I presume an extra quantity of ore could be raised it thought desirable, to make up for the loss by the fall of lead ore; I hope, however, such will not be the case, unless ore gets to its old price, and I, for my part, will be quite willing to receive a less dividend until the price of ore is higher; indeed, whilst ore is so low, and smelters are so unwilling to boy, unless at such a very reduced price, I think the last one raised the better. I hope Capt. Trevillion will send a report to the Journal, to satisfy shareholders that the fall in the price of lead ores.

Now, let us look at Wheal Ludcort. This mine was in great demand about

Meetings of Mining Companies.

NORTH PROVIDENCE MINING COMPANY.

An ordinary general meeting of proprietors was held at the company's offices, Gresham ouse, on August 3, Mr. J. A. Mongan, F.G.S., in the chair.

NORTH PROVIDENCE MINING COMPANY.

An ordinary general meeting of proprietors was the dat the company's effices, Greshambones, on August 3, Mr. J. A. Monoas, F.G. S., in the chair.

Mr. T. Sramo (the secretary) read the notice convening the meeting, and the minutes of the last were read and confirmed.

The Catalkara said, as he had upon a previous occasion fully stated his opinion of the prospect of the understand the properties of the property of the propert

ould be in a position not only to pay its costs, but excellent dividends, in answer to a question, said that he believed the "trap rock" would ld but a few far

be found to hold but a few fathoms deeper. There was a similar hard bar of ground in each of the neighbouring mines.

The Chainman said he had some splendid specimens of ore in his office, which he should be glad to show to any parties connected with the undertaking.

After some further discussion, upon the proposition of Mr. Minsten, seconded by Mr. Jamss, it was unanimously resolved "that this company be dissolved forthwith. Mr. Thomas Spargo, the purser of the company be, and is hereby, appointed liquidator to wind-up the affairs of the company, and to dispose of its property and effects, either by public anction or private contract, and either to individuals or to a public company, and either for cash or shares in any such company, and to distribute the proceeds, after payment of all just debts, pro rate amongst the shareholders."

It was also resolved that in all cases where legal proceedings have been adopted against any of the shareholders, or shall hereafter be commenced, or on any other legal matter connected with the winding-up of the company, Mr. Spargo be, and is hereby, autherised to consult Mr. Morgan as solicitor."

A vote of thanks to the Chairman terminated the proceedings.

CENTRAL MINERA MINING COMPANY.

An ordinary general meeting of proprietors was held at the London Tavern, on Tuesday Mr. R. J. BUTLER in the chair.

Mr. Hugnes (the seatement of accounts fr. Hughes (the secretary) read the notice convening the meeting, and submitted tement of accounts, made up to July 31, which showed a credit balance of 10s., again ten there was an amount due to bankers of 1281, 12s. 9d.

which there was an amount due to bankers of 1224. 12s. 9d.

The report of the agent was read, as follows:—
Aug. 3.—The shaft sinking for the Red vien is going down with all possible speed, taking into consideration the hardness of the ground: we are now at a depth of 23 yards, and I would advise to sink to the 40 yards before putting out to intersect the vein, which if it proves rich will give us good backs for stoping away. The cross-cut driving north to intersect the lode in the 35, ast of Edgworth's shaft, is going on as fast as possible, and we expect to cut the lode in a few yards more driving, which after intersected and driven upon a few yards we shall be able to put down a winze to ventilate the 55, as that part of the mine has not been worked from the 55 to surface. The stops in the back of the 65, east of Edgworth's shaft, is much the same as last reported, worth 18 cwts. to the fathom, but the air is rather bad, and makes it difficult for working; we may expect a further improvement when we get the 35 over this end and get it ventilated. No. 2 cross-cut driving north to intersect the branch passing through No. 1 cross-cut is very hard for driving, and unproductive for ore; we expect to cut the branch in about 2 yards more driving. The branch driven on out of No. 1 cross-cut is looking very promising, with some small spots of ore, but not enough to set a value on. The dressing operations are going on as well as can be expected; we have from 5 to 6 tons ready for sampling, and expect to make it 11 tons by the end of the present month.—W. Davies.

and expect to make it 11 tons by the end of the present month.—W. DAVIES.

The CHARMAN stated that he regretted the company's Chairman (Mr. Edgeworth) was unable, from indisposition, to attend the present meeting, but he was glad to state that a communication had been received from him, which was to the effect that the shareholders were aware the attention of the directors was principally devoted to the development of the vein below the 55 yard level, and that the prosecution of the work below that level was much impeded by an accumulation of water. In order to get rid of this, the directors made many enquiries for a steam-engine of sufficient power both to pump it up as well as to raise the ore. They met with one at a moderate price, but unfortunately it was found that the diameter of the largest of the existing shafts would not admit of the requisite pumps and other apparatus being put down. They resolved, therefore, to sink a new shaft in a situation whence the veins in the eastern part of the sett, and where it had always been believed that valuable deposits of ore would be effected by access to the long cross-cut driven by the former occupants of the mine. This new and where it had always been believed that valuable deposits of ore would be found, could be approached, and whence also a considerable amount of drainage could be effected by access to the long cross-cut driven by the former occupants of the mine. This new shaft had been made of sufficient quantier to admit of pumping and winding machinery, and it had been already sunk to the depth of nearly 23 yards without meeting with water in aufficient quantity to impede the mine. At the same time, the vein in and above the 55 yard level was being worked upon, and a tolerable quantity of ore had been obtained from it. The shareholders would, no doubt, remember that a shaft was sunk to the 23 yard level in the eastern part of the sett, but, a bed of shale having heen met with, the sinking was stopped. The directors had not recommenced that shaft—not from an opinion of its inutility, but because they thought it not advisable in the present stated the company's finances to expend money in too many points at the same time. They confidently expect that before they make a report to the shareholders, at the end of next quarter, the new shaft will have been sunk to a sufficient depth to enable them to drive out to the east to meet the veins on that side of the sett, and which had proved so rich in the adjoining mines. Having stated that he would be giad to afford any information which shareholders might desire, he concluded by moving the adoption of the report and accounts.

counts,
scussion ensued as to the course to be adopted with regard to the future working
mine, the ununimous wish being that it ishould be prosecuted with the utmost
that the best opinions should be obtained, and that one consistent plan of operahould be carried out. The prospects of the mine were considered to be of a very
seting character.

should be carried out. The prospects of the mine were considered to be of a very ranging character.

7. Chop'rs wished to know what such heavy law costs (701. odd) were for ?—The BMAN andi, it appeared that the greater part was in consequence of an action for libel at some of the individual promoters, but which the company had nothing to do with. Muccushos: Certainly; the company was neither plaintiff nor defendant in the alluded to, and he understood had never authorised any proceedings in the case. It he belived, entirely a personal matter.

7. BATTERS was of opinion that the company should not have an official legal address of the case of the case. It has the case of the case.

7. PATTERS was accepted that the mine should be inspected by Mesers. Taylor and Some

Mr. PHELPS suggested that the mine should be inspected by Mesers. Taylor and Sons of that the directors be requested to adopt whatever recommendations they set forth Mr. MURCHISON thought it very desirable to get the mine inspected by Mr. Joh hylor, and hoped he would undertake it. If not, he advised that Mr. Taylor should a saked to recommend some one. In case Mr. Taylor declined to attend to it at en he thought Messrs. Phillips and Darlington, who were good authorities on mine

be asked to recommend some one. In was all asked to recommend some one. In was all asked to recommend the some and Darlington, who were good authorities on mines of this character, should be applied to.

Mr. Barrans stated that the opinion in the immediate neighbourhood of the mine with respect to the new shaft now being sunk on the Red vein—at present being so profitably worked in the Minera district—was of a favourable character. There were many other points of interest in the mine, which at the present time were receiving but little sitention. He was clearly of opinion that no fair value of the set could be formed from the contracted scale of operations which the company had hitherto carried on. The Chainkas having undertaken the duty of seeing the Messra. Taylor, and obtaining their report and opinions with respect to the future working of the mine. The report was received and adopted, when it was unanimously agreed that the accounts should be referred to three shareholders for examination, and that in the meantime the charge for law costs should not be acknowledged.

A resolution was then passed empowering five shareholders to constitute a general meeting, ten having been the number hitherto required. It was also resolved that all general meetings of the company shall henceforth be held in London.

At the previous quarterly meeting of shareholders a resolution was passed increasing

i meetings of the company shall henceform be held in London.

be previous quarterly meeting of shareholders a resolution was passed increasing

mber of directors. Upon the re-opening of the question, it was found the appoint
were informal. The matter was deferred for further consideration.

the of thanks to the Chairman was passed, when the proceedings terminated.

RIVER TAMAR COPPER MINING COMPANY.

The fourth annual general meeting of proprietors was held at the company's offices King's Arms-yard, on Wednes lay, -Mr. A. SMEE, F.R.S., in the chair,

The accounts, made up to the end of July, showed a cash balance in hand of 3801. 2s. Sd. The CHAIRMAN, in moving the adoption of the report and accounts, stated that the mining operations had been exclusively confined to the extension, of the adit level, for the reason that in the shaft there excised a hard bar of ground, which it might take some time to sink through. Experience showed that when these hard bars of ground were gone through more congenial strata for the production of ore were met with, in which extensive deposits of mineral might be discovered. Another reason for having confined their operations to the adit level was that it would sooner or later intersect, at a depth of 60 fms. from the surface, all the lodes which the sett contained. During the past twelve months they had intersected the place where the lode was expected to have been reached, but it had not yet been found. The board had for some months been maxiously looking for that lode, but as yet only some small velue of copper had been met with, showing that the whole ground was mineralised, and congenial for the premate, in a channel of ground of great value. It was already producing large quantities of copper. Report their southern boundary some good discoveries had been made, in a channel of ground of great value. It was already producing large quantities to have that piece of ground added to their sett, thinking that by increasing its size it would be the speedier brought into a remunerative condition. Negociations were entered into with the parties, but nothing definitive was arranged. If they had succeeded they would now have been a dividend-paying mine. Although the directors were unanimous in their recommended sinking the engine-shaft, in order to see the lode at a the shaft the lode might be found of a very different appearance; but each of the directors would be decidedly opposed to resuming the sinking of the engine-shaft with the limited means at present at their command. By carrying on the investigation at the shaft the lode m ade up to the end of July, showed a cash balance in hand of 3801. 2s. 8d limited means at present at their command. By carrying on the investigation at the adit level they might at any moment, between the present point of operations and the adit level they might at any moment, between the present point of operations and the adit level they might at any moment, between the present point of operations and the southern boundary, intersect some remunerative deposits, as several locks where known to exist. Whether those lodes should prove to be remunerative or not, there was one thing quite certain—that there were several locks between the present point of operations and the southern boundary. Considering the highly metalliferous character of the ground, and that large quantities of copper had been obtained in the simmediate vicinity, three was the greatest probability that some of those lodes would prove remunerative. As regarded the finances, he might state that the directors he state the time the resent of the shareholders at the present general meeting, but the directors were decidedly of opinion that it would be advisable to continue the adit level to the utmost of their means. If that course were not adopted, the only alternative would be to sell the property, which, he feared at the present tome would not fetch anything like its value. So confident was he in the hope of discovering something of importance in the adit level, that if the present company should hereafter determine to abandon the sett, he would williegly be one of a party to furnish capital sufficient to cross-cut up to the southern bornjulary, for he felt confident that before the thing that point a remunerative lode would be discovered. He might mention they had been informed by the Duchy authorities that unless the works were prosecuted with the limited means at their command, that a more vigorous prosecution of the works might benefit he Duchy of Cornwall, but not the pockets of shareholders. The directors, therefore, strongly recommend that the one course should be adopted—to continue the prosecution of the adit

be adopted which would enable them to drive 40 kms., what would enable them to drive 40 kms., which would enable them to drive 40 kms., which would enable the proposition.

Mr. Bealt seconded the proposition.

The Chairman, in answer to an enquiry, stated their liabilities, did not exceed 1001.

A STAREBOLDER Suggested that steps should be taken to wind-up the company. They were in a solvent condition, and the sooner that course was adopted the better.

The CHAIRMAN said it would be necessary to call a special meeting, to consider the propriety of adopting such a course as that proposed by the hon, proprietor. In answer to a question, he (the Chairman) stated that the captain valued the plant at about 10001.

Mr. Delamere thought it would be advisable to make the remaining call of 24. 6d.

Mr. Delamere thought it would be advisable to make the remaining call of 24. 6d.

nunerative lode were discovered, it would be worth their ift, if it could be paid for out of proceeds. If during that period a rem

while to sink the engine-shaft, if it could be paid for out of proceeds.

Mr. Levy suggested that the mine should be inspected by Capi. Vivian, and that his eport be insected in the Mining Johnson.

The CHAINMAN said his confidence in the undertaking had in no way diminished. In the same description of granite, the neighbouring mines of Old Gunnis Lake, Devon Great lonsols, and Bedford United, enormous profits had been made; and as they in River Lamar were approaching the junction of the granite and killas, it was by no means improbable that some similar satisfactory results might be anticipated.

The report and accounts having been unanimously adopted, the retiring directors and suditors were re-elected. A vote of thanks to the Chairman and directors was passed, when the proceedings terminated.

WHEAL UNITY MINING COMPANY.

An ordinary general meeting of proprietors was held at the company's offices ard, Lombard-street, on Thursday,—Mr. J. Y. Watson, F.G.S., in the chair. ny's offices, Georg

Mr. J. Warson (the secretary) read the notice convening the meeting, and the mi-mutes of the last were read and confirmed. The accounts showed—

Leaving credit balance £ 75 6 0

Balance of liabilities over assets, 9231, 18s. 1d., exclusive of the sale of ore on Thursy, which realised 4501., thus reducing the liabilities to 4731.

The report of the agent was read, as follows :-

The report of the agent was read, as follows:—

Aug. 7.—The flat-rod-shaft is nearly down to the 85, and in three weeks we shall cut a plat at that level, and commence driving on the lode. Owing to the change in the underliet he lode for the last 6 feet slinking is standing a little north of the shaft. The 75 cross-cut north is driven about 6 fathoms through a hard elvan, rendering our progress slow. The ground is now much improved, and as the lode cannot be far off, and we are pushing on the end with eight men, we hope shortly to cut the lode. In this cross-cut we have small branches of spar and mundic, and the joints of the elvan and large cross-cours, together with the favourable indications presented in the cross-cut, and the circumstance of having a bunch of ore east of the cross-course, we look forward with condidence to intersecting a good lode of copper ore. No level has been driven on this lode west of cross-course below the adit, which is only 7 fms. deep, and from which they returned large quantities of tin, and where the lode presented good indications for copper in depth. The 75, east of flat-rod shaft, is extended nearly 35 fms., through a moderately productive lode. In the end the lode is 9 inches wide, presenting good indications for copper. The stopes in the back of this level are worth about 32, par fathom. In the 65, east of flat-rod shaft, the lode is 18 inches wide, made up of flookan, spar, peach, mundle, and stones of copper ore. The stopes in the back of this level are worth about 35 level, west of the shaft, are worth 201, per fathom for the length of stope. In the 55, east of flat-rod shaft, the lode is 18 inches wide, made up of flookan, spar, peach, mundle, and stones of copper ore. The stopes in the back of this level are worth about 50 flookan, spar, peach, mundle, and stones of copper ore, and hope this may prove a continuation of the lamb bunch of ore. In the 55, west of the shaft, are worth 201 per fathom for the length of stope. In the 55, east of eding-abstance this may prove

ought to realise upwards of 4001.—A. H. REYNOLDS, ABEL PEARCE.

The CHAIRMAN said there was now a very good prospect of cutting the lode rich in the 75, which might throw a great light upon the intrinsic value of their property.

Mr. HALSE said his impression was that the appearance and prospects of the mine were never so encouraging as at the present time.

The SECRETARY, in answer to enquiries, stated that since last meeting they had sampled 124 tons of ore. Their old samplings averaged about 3 to 4 per cent, produced, an average of 9½,—so that the ore had become more than double its original value.

Mr. HALSE considered it to be highly satisfactory that not only was the ore increasing in value, but that it was also materially increasing in quantity.

The report and accounts were adopted.

Mr. HALSE proposed that a call of 2s, per share should be made, for that would bring in sufficient to disburse their liabilities.

The CHAIRMAN thought a 2s, call was insufficient. He reminded the shareholders that

sufficient to disburse their habilities.

The Chainman thoughts 2s. call was insufficient. He reminded the shareholders that
the meeting had been deferred for two or three days the accounts would have gone

The Chainnax thought a 2s. call was insufficient. He reminded the shareholders mat if the meeting had been deferred for two or three days the accounts would have gone out 4501. the better.

Mr. Witson thought that it was better upon all occasions to make a call to meet all their requirements, for if it had no other benefit it improved the market value of the shares. The Chainna said the mine had never had any support from the market, and fortunately it never required it, so that what effect was produced upon the market value of the shares was of very little consequence. If, however, the lode in the 75 proved to be what the indications justified them in expecting, but few more calls would be required.

Mr. Powell, thought there could be no doubt the prospects of the mine were gradually improving, and it was by no means an unsatisfactory fact to know that shares were being purchased by persons residing in the locality of the mine.

After some further discussion, a call of 2s. 60, per share was made.

The consideration of the question of dealing with the forfeited shares having been deferred, a vote of thanks to the Chairman was passed, when the proceedings terminated.

TINCROFT MINING COMPANY.

A special general meeting of shareholders was held at the company's office, Winchester Mr. JOHN G. TYRIE in the chair.

reet, on Thursday,

The notice convening the meeting having been read,
The Chairman submitted the following statement from the directors:

The notice convening the meeting having been read.

The directors have convened this special meeting to consider the recommendations made to them by the last annual general meeting of shareholders and the proprietary, and the expediency of placing the company hereafter upon the Cost-book System. These recommendations have had the anxious consideration of the board, and your directors have been advised that they could not be carried out without a change in the mode of administering the company's affairs, as prescribed by the original terms and regulations for the management of the company, amounting to a change of constitution. The necessity for such a change has, no doubt, been many times pressed upon the attention of the shareholders by various circumstances, and the somewhat anomalous position of the company as a scrip company seems scarcely in conformity with modern legislation. The board have been advised that the recommendations of the shareholders' meeting could be carried out by placing the company upon the Cost-book System, as known and practised within the Stannaries of Cornwall, in which your mine is situate. It would thus, amongst other very important considerations, be assimilated to the other undertakings in that district, placed under the protection of known principles of law, and have the advantage of the special Court for the affairs of mines within the Stannaries. Your directors do not desire to take any active part in your discussions, they would prefer to submit the matter for the consideration of the meeting without any authoritative recommendation from them, and will only vote and take part in the proceedings as simple shareholders, desirous to adopt such course as may appear most advantageous for the company and the common benefit of the property. The solicitor of the company will be present at your meeting, and can afford explanation on any legal points as to which you may wish his polinion.

The Chairman said the directors, as such, would not take any part in the discussion.

may wish his opinion.

The Chariman said the directors, as such, would not take any part in the discussion. It was for shareholders to express their dissent from or assent to the question.

Mr. Boxte imagined the step now proposed to be taken had arisen from the recommendations placed before the directors at the last annual meeting.

Mr. J. Field (a director) explained that those gentlemen present at the last meeting would recollect that he, as Chairman of that meeting, objected to put certain recommendations. ould recollect that he, as Chairman of that meeting, objected to put certain recom-endations as resolutions, because he considered it was not competent for the meeting pass them. He, however, thought, and so expressed himself, that there could be no jection to accept them as recommendations. When they came to consult their solicitor, appeared that the only way in which those recommendations could be carried out was a latering the constitution of the company, and plucing it under the Cost-book System. would be presumption on his part to infer that Mr. Childs (their solicitor) was not gaily correct, but he (Mr. Fleid) could not help thinking that the directors could meet archolders oftener than once a year without making themselves a cost-book company. At the request of several scripholders the recommendations referred to were read. They ere to the effect that the directors of the company should be elected by the general dy of the shareholders at their annual general meeting, half to retire from office every ear, but to be eligible for re-election; the directors were requested to advise with their

were to the effect that the directors of the company about be elected by the general body of the shareholders at their annual general meeting, half to retire from office every year, but to be eligible for re-election; the directors were requested to advise with their solicitor as to the manner in which that change in the constitution of the company could be effected. It was recommended that the general meeting be held every four months. Mr. Boytz enquired if they were to understand that the directors considered the best mode of carrying out these recommendations was by changing the constitution of the

mode of carrying out these recommendations was by changing the constitution of the company into the Cornish method known as the Cost-book System?

Mr. R. W. Childs (the company's solicitor) said he had undertaken somewhat unwillingly to advise upon the matter, insamuch as it involved great anxiety and considerable perplexity. The present Timoroft Company was one of the few remaining acrip compassies which were not now recognised by any existing Act of Parliament having reference to joint-stock companies. They were recognised to a certain extent, for the shareholders holding the sorip were liable as shareholders, but serip companies were not recognised in the Acts affecting joint-stock companies or those in Cornwall. Therefore, he had ventured to advise that the position of the Timoroft Company was somewhat anomalous under modern jestiaation—it was not a company under a Deed of Settlement, by which its proceedings could be governed, the only document at all regulating it being the rules and regulations endorsed upon the scrip of the company. He was not present at the last meeting of shareholders, but as soon as those recommendations were passed the directors begged that he would carefully consider how far they could be carried out. Now, it was clear that if any meetings were held other than those prescribed by the rules endorsed upon the scrip certificates the regulations would not be adhered to, and the tors begged that he would carefully consider how far they could be carried out. Now, it was clear that if any meetings were held other than those prescribed by the rules endorsed upon the scrip certificates the regulations would not be adhered to, and the transactions at those meetings would be void, and not binding upon the shareholders. The other recommendation was still more important, because it dealt with the constitution of the governing body of the company; it, therefore, involved a special and total change in the constitution of the company. He advised the directors that there is no power to pass a bye-law by which such a fundamental change could be made in the constitution of the company. No form of association for mining companies was known but that of limited liability and unlimited liability, and, therefore, if the mine was not in Cornwall, any change must be in that direction. The Tincrott Mine, being situated in Cornwall, the courses open were either to place the company under the limited or unlimited Acts, or under that known as the Cost-book System. His advice was that, for the interest of the shareholders, it would be better to adopt that which was the prevalent form of copartnership in Cornwall—the Cost-book System. If the meeting pressed those recommendations the better course would be to convene a special meeting to take the opinion of the shareholders upon the question. If, however, the shareholders were divided in their opinions, his advice to the board would be that the matter drop, for he would not advise them to adopt any step which might involve them in litigation; but if there were only two or three objectants holding a small interest, that would not prevent the remainder putting themselves in a legal position, for the Court would say "Your opposition is factious, and as it is not for the general good of the company we shall not recognise it."

Mr. J. Piezzo (a director) audinited that he did not think any change.

pany we shall not recognise it."

Mr. J. Firid (a director) submitted that he did not think any change was no

but at the same time he did not oppose nor support the question before the m He did not think the proposed change necessary, although it might be expedient Mr. Botle wished to know what benefit the shareholders would derive frechange?—Mr. Childs said at present the scripholders had no power over the dinor over the sflairs of the company; and to give them the control which they at to think would be desirable could only be effected by an alteration in the considerable could only be effected by an alteration in the considerable could only be effected by an alteration in the considerable could only be effected by an alteration in the considerable could only be effected by an alteration in the considerable could only be effected by an alteration in the considerable could only be effected by an alteration in the considerable could only be effected by an alteration in the considerable could be considered by the consider

of think would be desirable to an early of the company, in answer to a question from Mr. Birdsey, stated that the present lease and eight or nine years to run.

Mr. F. PRTOR could not imagine that the question now before the meeting had arisen from the recommendations placed before the directors at the last annual meeting. Those ecommendations, which met with a unanimous approval, merely, expressed the whole ecommendations, which met with a unanimous approval, merely expressed the whole of the shareholders as to the way in which the company should be conducted, urging the especial desirability of the company's books being at all times open to the inspection that the company should be conducted, urging the especial desirability of the company's books being at all times open to the inspection of the company should be conducted, urging the especial desirability of the company's books being at all times open to the inspection of the should be conducted, urging the especial desirability of the company's books being at all times open to the inspection of the should be expected be expected by the conduction of the should be conducted, urging the especial desirability of the company should be expected to the way in the should be conducted, urging the especial desirability of the company's books being at all times open to the inspection of the should be expected by the should be expected by the conduction of the should be expected by of shareholders. It was well enough to talk about majorities controlling minorities but it was well known that power was often exercised prejudicially to the interests of the company. As far as he was individually concerned, although it was well known that he was a strong advocate for the Cost-book System, he did not think in the present mistance the company's position would be improved by the adoption of the course proposed, if for no other reason than that it might result in the displacement of those what controlled their affairs for so long a period, and in whom the most implicit confidence was placed.

had controlled their affairs for so long a period, and in whom the most impured confidence was placed.

Mr. Bortze thought it would have given greater force to the suggestions, and the share-holders would have been more inclined to have entertain them, if they feit the directors were unanimous in the recommendations; but after hearing one of their directors asy that he was altogether 'addifferent about the matter, upon the ground that he could not see what benefit would accrue, it almost shook one's confidence in supporting the proposed change. He would like to know whether the question had been canvassed at the board? The Charkmax could not say that the matter had been discussed by the board. He reminded the meeting that at present the board had very great authority, and the hatter shareholders should be possessed of that authority, he, as a shareholder, a board favour of the proposed change.

Mr. Fletz said, so long as they continued their present system—of paying dividends out of profits, and carrying over a balance of undivided profits of between 4000f, and 6000f,—be could not timagine they were likely to have any legal dangers threatening them. Remembering that for so long a peried the affairs of the company had, under the present regime, been satisfactarily managed, he must confess that he looked upon a change with some degree of distrust.

memorring that for a ring a paret, he must confess that he looked upon a change with regime, been satisfactarily managed, he must confess that he looked upon a change with some degree of distrust.

The CHAIRMAN said the object of the present meeting was to take the feeling of the proprietors upon the proposed change. The directors at the present time had power to deal with the property as they thought fit, and the scripholders had power to express their sentiments but once in twelve months. Now, it was his desire that the company should be represented by the shareholders at large—that was his opinion as a shareholder.

Mr. R. W. CHILDS submitted that if a single shareholder positively objected to the

Mr. K. W. CHILDS submitted that if a single shareholder positively objected to the roposed change his advice would be to lay the matter aside.

Mr. John Young (a director thought if they could meet the shareholders fourmonthly, every purpose would be answered.

Mr. CHILDs emphatically stated that the board had no power to carry out such a recommendation, and as far as he was concerned, he would not undertake the responsibility of carrying it out.

commendation, and as far as he was concerned, he would not undertake the responsibility of carrying it out.

Mr. Balsten observed that the persons who brought forward those recommendations at the last meeting were now absent.

Mr. Childs, in answer to a question, stated that the board had no power to make a bye-law affecting the rights of shareholders. He thought the time would come when it would be necessary to make some important change in the constitution of the company, but according to the present feeling of shareholders, he should recommend that the question be not at present further proceeded with.

out according to the present feeling of shareholders, he should recommend that the question be not at present further proceeded with.

Mr. Birdser hoped when a change did take place that he would never see Tincroft
placed under the Limited Liability Act, for applied to mining companies it was a great
bugbear.—Mr. First bt hought that nothing could be more about than the application of
limited liability to mining enterprises, for if they wanted to increase the capital it had
to be raised upon most disadvantageous terms.

After some further discussion, it was resolved that the question of the change in the
constitution of the company be not further proceeded with at this time.

Thanks having been voted to Mr. R. W. Childs, for his advice and assistance, the
usual compliment to the Chairman was passed, when the proceedings terminated.

DEVON NEW COPPER MINING COMPANY.

The ordinary meeting of proprietors was held at the company's offices, Barge-yard hambers, on August 2,—Mr. Charles Otter in the chair.

Mr. PAGE (the secretary) read the notice convening the meeting, and the minute he last were read and confirmed. The accounts showed a credit balance of 2021. 5s. The report of the directors was read, as follows:—

Chambers, on August 2,—Mr. Charles Offers in the chair.

Mr. PAGE (the secretary) read the notice convening the meeting, and the minutes of the last were read and confirmed. The accounts showed acredit balance of 2021L. So. 76.

The report of the directors was read, as follows:—

The directors have prepared for the information of the shareholders the following statement of the progress of the mine since the inst general meeting, held on March 21 last. At that date the distance driven into the zeroa north hole at the 68 fm. level was 12 last. At that date the distance driven into the zeroa north hole at the 68 fm. level was 12 last. At that date the distance driven into the zeroa north hole at the 68 fm. level was 12 last. At that date the distance driven into the zeroa north hole at the 68 fm. level was 12 last. At that date the distance of the control of the cont

also was a very favourable indication. With reference to the future development of timine, it would be necessary, he contended, to increase the capital, because, hower valuable the discoveries might be, they could not be brought to successful results without the wherewith for their development. He suggested that the directors should empowered to call a special general meeting for the purpose of taking some steps in the directors and the propose of the propose of taking some steps in the directors should be the propose of the smooth of the suggested that the directors should be empowered to issue them at their discretion.

Mr. Barry said that the directors felt they would be supported by the sharelistic at large in any step they took; and, therefore, should any question at any time arise they would take the best opinions upon it, when a special meeting of sharelistic would be called, before which the matter would be laid. For his own part, he wois suggest the advisability of borrowing money upon interest, rather than increasing the company's capital; for if they got plenty of ore at bank, there would be no difficulty i soon obtaining the necessary machinery.

The report and accounts were then received and adopted.

Mr. WOOLMER then proposed a resolution to the effect that this meeting receives wit satisfaction the report of the directors; and considering the favourable prospects of the mine, as appearing from the manager's report, and also recognising the necessity for adjusted capital for the working of the mine, requests the directors to call a special gener meeting to consider the propriety of rescfinding, and if desirable to rescind, the resolution Healting the shares to 12,000.

Mr. SHOWELL proposed that the consideration of the question be for the present deferred.

meeting to consider the propriety of rescinding, and if desirable to rescind, the rescittion limiting the shares to 12,000.

Mr. Showell, proposed that the consideration of the question be for the present deferred. The Charrman said that the board felt the shareholders would give them credit for calling a special meeting in the event of any question of importance arising.

Mr. Howell said that, remembering the efficient manner in which the business of this company had hitherto been conducted, the shareholders might with perfect safety leave all matters in the hands of the directors. It would, moreover, be exceedingly unwise it the present moment to pass such a resolution.

Mr. K. Parker certainly concurred in the observation that it would be expedient to postpone the consideration of the question now before the meeting. If there should arise an urgent necessity for additionat capital, he felt assured the directors would forthwith put their shoulders to the wheel for the purpose of meeting any such contingency.

Mr. Woolmer said if the directors expressed their intention of coing so, he quite concurred in the suggestion that the matter should be left with them. He did not propose to raise the whole of the money yet to be called up on the unissend shares, put mersly that they should be placed among the shareholders.

The Chairman reminded Mr. Woolmer that by the Articles of Association the sh r is

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Those wishes urging pection orities, esta of known

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upon which 2s. ℓ d. was paid would not be entitled to the same advantage as those upon which 2l. per share was paid; therefore, they would be, per force, compelled to call up which 21, per share was paid; therefore, they would be, per force, compelled to call up the whole a nount.

The SECRETARY, in answer to a question, stated that they were paying 161, per fathom

The SECRETARY IN SHORT AND ADDRESS OF THE SECRETARY ADDRESS OF THE SECRETARY ADDRESS OF THE SECRETARY AND ADDRESS OF THE SECRETARY ADDRESS OF THE SECRE

The annexed reports from the agent have been received subsequent to the meeting:

The annexed reports from the agent have been received subsequent to the meeting:—
Any, 3.—The leader east in the 78, improves gradually as operations progress. Its
else towards the bottom of the level is quite 2 ft. wide, and still likely to become larger
as we proceed in that direction. The lode stuff consists of beautiful spar, with mundic
and yellow copper ore—saving work.

Any, 7.—The stratum in the engine-shaft below the 78 continues to be equally favourable for the production of mineral, and the progress is satisfactory. The leader east, in
the 78, has increased to 2½ ft. wide, and has a beautiful appearance, its composition
being mandic, pretry quartz, and yellow copper ore of a saving quality, and there is
every appearance of the lode improving as operations progress. The end west, in the
lode indicates well for improvement. The steam-engine, pitwork, &c., are working admirably, and the present speed of the engine is scarcely anything beyond five strokes
per minute.—P. Hawez.

TRUTH'S ECHOES; OR SAYINGS AND DOINGS IN MINING.

mirably, and the present speed of the engine is scarcely anything beyond five airokes per minute.—P. Hawe.

TRUTH'S ECHOES; OR SAYINGS AND DOINGS IN MINING.

The Mining Share Market continues heavy and unsatisfactory, dealers fearing to speciate, and buying orders being scarce and unprofatable. The transactions during the work have been very limited, and chiefly confined to the precuring of shares unsettled at the last account-day. The standard for copper ore has improved, consequently there were have been very limited, and chiefly confined to the precuring of shares unsettled at the last account-day. The standard for copper ore has improved, consequently there have a separate that the standard of the standar

will be worked with economy and energy, and a full determination of the series as early as possible. The applications for shares have been unprecedented, and it is believed that the whole will be taken during the week, therefore no delay should occur by these intending to apply.

At Feds-an-dura they are progressing satisfactorily with the sump-shaft below the allo: although the levels at that point are in a large lode, it is not very productive for an in. The have some coarse work in the 100 ene ast, whilst in the bottom of the level of the lode is worth 40%, per fathom, and there is also a good lode in, the 90 rise, whilst all other places continue much the same as for some time past.

At SOUTH WHEAL KITTY the prospects continue to improve as the lodes are developed. The lode at the shaft maintains its size and value, whilst that in the adit level is very much improved, the whole of which is saving work, and will pay well for stamping.

At GREAT CREINIS they have a large and promising lode in the 100 west, 6 ft. of which they are carrying, and from present appearances they anticipate approaching a large deposit of ore, and from the underlie of the lode they expect to meet with at the shaft, 20 fms. deeper.—At West Pollear they are progressing satisfactorily with their operations, and expect to cut the first lode by a cross-cut in the 20 in a few fathoms more driving. The north lode in the 20, both east and west, continues to look very encouraging.—At Silver Veils they have made no returns of silver as yet, although they have a large quantity of goosan to operate upon, but great apprehensions are entertained as to the result, not withstanding the numerous efforts attempted.

At GREAT WHEAL Burst the deeper levels continue to look remarkably well, from whence large quantities of ore are being returned. There is a fine course of ore in the 100 end east, and the rise, are each worth full 70%, per f.a. There are other productive places yielding large quantities of copper ore, with some good branches of the .—At WH

From Mr. W. Lelean:—The Market for British Mining Shares continues in a very unsatisfactory position; and since my remarks on May 25 nearly all the dividend mines have been depreciated to the extent of about one-third of the prices of which they then stood, while the securities of good progressive undertakings are alset unsateable. Several circumstances have combined to produce this unfavourable also faffalirs; but now that a material improvement is perceptible in monetary matters, which has produced a more confident feeling in all departments of business, there is reason to believe that a speedy change for the better will be experienced in connection with our mining interests. My opinion in this respect is strengthened by the encouraging accounts from the agricultural districts with regard to the harvest, together with the more even tenour of political affairs in Europe and India. In estimating the probable course of events during the next few months, the hope is indulged that the adverse effect of the lamentable struggle which is now agitating the whole of America will be counterbalanced by the revival of commercial energies in Italy. Tarkey, and through the more even tenonic of political affairs in Europe and India. In estimating the probable course of events during the next few months, the hope is indulged that the adverse effect of the lamentable struggle which is now agitating the whole of America will be counterbalanced by the revival of commercial enterprise in Italy, Turkey, and througheut the East, while an additional impulse will, no doubt, be given to trade by the advices from China, the West Indies, and our North American peasessions. With regard to mining prospects more particularly, there is room for congratuiation, on account of the important reaction that has taken place in the tendency of the rates of discount, which will, in all probability, be followed by an active demand for investments, especially as a fartiture decline in the rates of interest by the joint-stock banks and discount houses for deposits will induce parties having money at these catablishments to withdraw it for employment in other and more remunerative channels. One of the most interesting events in connection with mines during the last few days has been at Touvaddes, where a rich discovery of copper ore has been made in the 60 fm. level, worth from 60t. to 70t. per fathon. This being the deepest part of the mine, it is considered of great importance. There are 6000 shares in the mine, and they are now selling at 3t, to 3t. 10s. The investment is a good one and an immediate purchase should be made while the shares can be obtained on such advantageous terms. Wheat Heather sold on the 3d inst. 5 tons 5 cws. 1 qr. 9 lbs. of tin, at 63t. 15s. per ton, amounting to 335t. 14s. 6d. The mine is opening fully swell as expected, and bearing out the good opinions formed resocing it. West Canadon shares are low, and, considering that the standard advanced 24 yeaterday. I think they ought to be purchased at the earliest epoportunity. East Foss down, and will ware a west processed, and bearing out the earliest opportunity. East foss down, and will ware a described in the 60, the deepest par

Mining Correspondence.

BRITISH MINES.

ABERDOVEX.—A. Edit: The growth on somewhat the 4d is much saster for and predicting I too per fm. We have two men someth of winns, at this level, taking and predicting I too per fm. We have two men someth of winns, at this level, taking and the same of the s

three indourers, at 21.5s. per fine; stemt to hole to the rise above the 40. If the ground continues as all present in the rise and sinking, I expect a communication will be made executed to the mine of the control o

cut south of about 6 fms. will intersect the lode; and, looking at the valuable character of the same lode in Great Beam, there is every reason to expect a fine course of tin at that depth.

EAST CARN BREA.—Thos, Gianville, Aug. 7: In the 40 west the lode is yielding 3 tons of ore per fathom, and in the same level, driving east, the lode is yielding 3 tons of ore per fathom. In the 30, driving east from the western shaft, the lode is yielding 2 tons of ore per fathom. In the winze sinking below the 40 the lode is yielding 2 tons of ore per fathom. In the winze sinking below the 40 the lode is yielding 2 tons of ore per fathom. There is nothing new in the other parts of the mine to report.

EAST DEVON GREAT CONSOLS.—T. Kichards, Aug. 6: The engine-shaft is sunk 11 fms. 2 ft. below the 40, and the ground, both for progress and mineral, continues much the same as for some time past. In the 40 west the lode presents the most flattering appearance, and although without ore to value at present, yet I anticipate we shall soon meet with a good discovery. In the cross-cut south the ground is very good for progress, and favourable for mineral.

EAST DARKEN.—Aug. 6: In the 104, west of Taylor's shaft, the lode is 2 ft. wide, composed of clay-slate, blende, and copper, with small spots of lead ore, but not to value, the lode being disordered by broken-up ground. In the same level, going east, the lode is large, producing saving work for dressing. In the 92, west of Taylor's shaft, on the north lode, the lode is 8 ft. wide, composed of clay-slate, blende, and carbonate of lime, and yielding about 1 ton of lead ore per fm. In the winze slaking below this level, east of cross-cut, the lode is from 3 to 4 feet wide, yielding about 1 ton of ore per fm. The So, east of Taylor's shaft, is a little improved, now yielding 13\fo ton of ore per fm. The lode is 4 feet wide, and at present disordered by a silk, or cross-course, seen in the level above; no doubt when we pass through this soft ground the lode will become productive. The

Reed's shaft, the lode produces saving work for dressing. The lode in the 6s, west or same lode, is small and unproducitye, disordered by broken-up ground. All other bargains are much the same as when last reported. We have this day sampled 84 tons of silver-lead ore,

EAST FOWEY.—M. Barbery, Aug. 7: The upper shaft is now down 16 fms. 0 ft. 3 in. but we have cut so much additional water that the further sinking of the shaft by horse-power is quite out of the question; consequently we are making preparations to erect the steam-engine.

EAST GUNNIS LAKE AND SOUTH BEDFORD.—James Phillips, Aug. 8: The lode in the 36 end is 7 ft. wide, worth 4 tons of ore per fm. The lode in the No. 3 winzo is improved, now worth 3½ tons of ore per fm., with every appearance of a further improvement. No alteration in any other part of the mine since last report.

EAST FROVIDENCE.—T. Uren, Aug. 6: We have made good progress in sinking the new shaft below the 20 during the past month, and should the ground continue as at present, we hope to be able to sink it to the 30 in about seven weeks from this time; the lode here is gradually improving in depth, and is now worth 9i, per fm. The lode in the winze sinking below the 20, east of new shaft, is worth 5i, per fm., and showing indications of a further improvement. We are preparing for the erection of the flat-rods from the engine to the new shaft with all speed.

EAST ROSEWAINE.—J. James, Aug. 3: In the 55 north we have a good channel of ground, and from every appearance we are near the lode; we have driven about 6 ft. beyond the perpendicular, and we calculate to have about 3 ft. to 6 ft. more to the lode. We hope in the coming week to report its being cut. In the 43 west the lode is 1 ft. wide, worth 9i, per fm.; we have a bout 3 ft. to 6 ft. more to the lode. We hope in the coming week to report its being cut. In the 43 west the lode is 1 ft. wide, worth 9i, per fm.; we have a bout 3 ft. to 6 ft. more to the lode. We hope in the coming week to report its being cut. In the 43 east th

-shaft, by four men, 3 fathoms, at 4l. per fathom; lode worth 16l. per fathom for ore. The 60 to drive west of shaft, by four men, at 4l. per fathom; lode worth

ode in the engine-shaft improves a little in driving east. The cross-cut is being pushed on townshi the south tode as fast as possible, which we hope soon to reach.

In the common term of the state is possible, which we hope soon to reach.

In the common term of the state is the common term of the water issuing so strong from the lode; the iode is improved in size, just the same character as leat reported.
LAST WilleaL GRENVILLE.—G. B. Orders, W. Bennetz, and S. Aug. 3: The dole in the increase of the state is stated to the common term of the water issuing so strong from the lode; the iode is improved in size, just the same character as leat reported.
LAST WilleaL GRENVILLE.—G. B. Orders, W. Bennetz, with some good in the 30 state ontinues in two branches; in the south one is 11. Wilds. of quarter, print, index, print, with good surple the state of the same producing full 3 tons of ore, with good work for tin, a very promising lode. The lode in the 35 seat is seat continues in two branches; in the south one is 11. Wilds, of quarter, print, in the 12 west is Seat continues in two branches; in the south one is 11. Wilds, of quarter, print, with good stones of oreast number; we then 25 west is 21. Wilds, of goods, quart, and print, with good stones of oreast number; we will be a subject to the south of the state of the lode; within the lode here is looking better than it has before for several stateous driving.

EAST WIELE AL RUSSELL—Josh Goldwardty, Aug. 7; A L. Homescham's shaft, in the 110 east, the driving is being commenced east and weston the course of the north part of the lode, is the lode is 2 feet wide, and showing indications of an improvement. To first improve, In the 10d east, the driving is being common to the state of the 10d, west of 12 bravis cross-cut, will produce so the state of the 10d, west of 12 bravis cross-cut, will produce so the state of the 10d, west of 12 bravis cross-cut, will produce so the state of the 10d, and the print of the lode, seat of 3 th. Wild, and the print part of the l

is goed ground; no appearance of any lode as yet. In the 50 west the lode is very wide, composed of stones of copper ore; not much to notice. Our tribute department much as for the past taking.

GREAT CRINNIS,—W. Woolcock, Aug. 3: To-day being our monthly setting the following bargains were taken:—The new shaft to sink below the 110, by eight men, at 131, per fathom, for 2 fathoms stent; the shaft is now down 6 fms. 3f. 6 in., the ground is without any material alteration, and we are pushing it on with all possible speed. The 100, to drive west, by six men, at 6f. 10s, per fathom; we have a very promising lode here, which we are carrying upwards of 6 feet wide, and although the north part, or leader, is not quite so large as last reported, taking the lode throughout it has improved in value, and is presenting every appearance of being near a deposit of oro. The end is in from 27 to 30 fathoms west of the shaft, and the run of ore ground dipping east will in all probability come into the shaft about the 120, where we intend catting into the lode, and I have no doubt but at that point it will be found productive. The cross-cut to drive south, in the 100, by six men, at 4f. per fathom, 2 fathoms stent; the ground here is becoming more wet, showing indications of our getting near a lode or branch. The 90 cross-cut to drive north, by four men, at 4f. 15s. per fathom; the ground here is without alteration in appearance since last reported. The tributers are busily engaged in dressing up their ores for another sampling, which will be upwards of 40 tons, of better quality than the last parcel.

— J. Webb, August 8: The engine-shaft is sunk about 6 fathoms 4 feet 6 inches below the 110 in the north kilias; at present we do not intend cutting into the lode before we reach a 120 fm. level. The lode in the 100 west is continuing its favourable appearance, and looking promising for a bunch of ore; the part we are carrying is upwards of 6 feet wide, composed of a very congenial spar, and containing good stones of yellow copp

north, and is without much alteration. We shall sample on although flext little to loss of copper ore.

GREAT RETALLACK.—Wm. II. Reynolds, Aug. 3: The sparry part of the lode is enlarging as we go down, and the whole of the lode in the shaft is more or less leady; the character of the lode has undergone a decided change for the better, and we believe that we are coming down upon a good bunch of lead; the shaft is set to eight men, at 6f, per fm. In the eastern end at the 35 we have a capital bunch of blende, and have laid open many hundred tons of this ore; this end is set to one man and one boy, at 27s, 6d, per fm. The 35 west is set to one man and one boy, at 20s, per fm., and is laying open tribute ground. We have one man opening on a branch at the 35, which we suppose to be part of the Peru lode; it is about 2 inches wide, and composed of flookan, mundle, and blende.

be part of the Feru lode; it is about 2 inches wilde, and composed of flookan, mundic, and blende.

GREAT SOUTH TOLGUS.—J. Daw, August 7: The lode in Lyle's shaft, sinking below the 125, is 1 ft. wide, producing stones of copper ore. The lode in the 112, west of Lyle's shaft, is 1 ft. wide, unproductive. In the rise in the back of the 100 west the lode is 1 ft. wide, to the lode is 1 ft. wide, with good stones of ore in it. The lode in Kenp's stope, in back of the 220, is worth 10 ft. per fm. Stope No. 1, in bottom of the 210, is worth 30 ft. per fm.; No. 2, 20 ft. per fm.; No. 3, 17 ft. per fm.; and No. 8, 33 ft. per fm. The lode in Kenp's is the lode is 1 ft. No. 7, 35 ft. per fm.; and No. 8, 33 ft. per fm. These stopes are valued according to the present standard of copper and it nows.

fan; and No. 8, 331. per fm.; No. 5, 395. per fm.; No. 7, 395. per fm.; and No. 8, 331. per fm. Those stopes are valued according to the present standard of copper and tin ores.

GREAT WHEAL BADDERN.—J. Hampton, J. Jenkin, Aug. 6: The ground in each end, in the 63, Hill Brothers shaft, is much the same as last reported; the ends are apart from each other about 4 fms. 4 ft., in which we have intersected several branches containing lead, seen above in the shaft. Landon's shaft is now down about 8 fathoms from surface, and about 2 fathoms in the elvan, which we believe is a good indication, and no doubt shall meet with a good lode of lead. The water is rather quick, but we are pressing on as fast as we possibly can. We intend to erect the horse-whim forthwith.

GREAT WHEAL MARTHA.—H. Rickard, Aug. 7: The engine-shaft is sunk below the 40 fm. level 5 fms., and still in good mineralised killas; the men are making rapid progress. The lode in the 40, east from engine-shaft, is rather harder than last week, and not yielding quite so much copper ore, yet a very kindly lode indeed. The stopes in back of this level are without alteration since last week, worth 301, per fm. We have nearly effected a communication between the 30 and 20 fm. levels, at Thomas's shaft. I expect to do so every hour, as we can hear each other speak. The lode is not yet cut through in the 20, west from Thomas's shaft, worth at least fully 4 tons per fm. of moderate quality copper ore, besides yielding a large quantity of mundic. The tribute pitches are much as usual, and yielding their full quantities of ore as for some time past. The boller-house being ready to receive it. The crusher-house is in a forward state of building. The prospects of the mine were never more encouraging than at present, which the ore floors very evidently shows forth.

GREAT WHEAL VOR UNITED.—T. Gill, F. Francis, T. Harris, Ang. 7: In the 142, driving east on the north lode, the lode is 1½ ft. wide, and worth about 20f. per fathom. In the 142, driving east on the north l

ary well at present. GURLYN.—J. Curtis, W. W. Martyn, J. Resce, Aug. 7: The 60, to drive cast of the

cross-cut, on Riches' lode, by four men, at 3l, per fathom. The 40, to drive west of ditto, by six men, at 6l, per fathom; lode 18 in. wide, opening tribute ground. The new shaft to sink below the 10, by six men, at 3l, per fathom. We have 3l men on tutwork, and 50 men on tribute.

GWYDYR PARK CONSOLS.—Capt, Smith, Aug 8: I have taken down the lode in the deep adit this week; it is 1 ft. wide, yielding saving work.

HAWKMOOR.—J. Richards, J. T. Phillips, Aug. 6: The lode in the 25, east of Rowe's rise, continues a fine course of ore, worth from 3 to 4 tons of copper ore per fm. We are preparing another parcel of ore for market.

HERODSFOOT.—T. Trevillion, Aug. 6: The lode in the 137 still continues small and poor. The lode in the 127 is 18 in. wide, and will yield 8 cwts. of load per fm.; there are three stopes working in the back of this level, yielding on the average 10 cwts. of load per fm. The lode in the 117 is 2 ft. wide, and will yield 12 cwts. of lead per fm., with good ground for driving; present price 3l, per fm.; there are three stopes in the back of this level, yielding on the average 3 cwts. of lead per fm. The lode in the 106 is 2 ft. wide, and will yield 10 cwts. of lead per fm.; there are three stopes working in the back of this level, yielding on the average 3 cwts. of lead per fm. The lode in the 106 is 2 ft. wide, and will yield 10 cwts. of lead per fm. The rise in back of the 30 is up 15 fms., and the same being in a slidy channel of ground, disorders the lode, which is split up and poor. The new shaft will be down by the end of the month 50 fms.; the ground is much cleaner than it has been, and good spots of lead are found in the same. On the whole, the mine is in good working order. We sold 30 tons of lead are found in the same. On the whole, the mine is in good working order. We sold 30 tons of lead are found in the same. On the whole, the mine is in good working order. We sold 30 tons of lead are found in the same. On the whole, the mine is in good working order. We sold 30 tons of lead dusty engaged in dressing for the next sampling. Copper of weighted on the west.

HUCKWORTHY BRIDGE,—Jas. H. Rodda, Aug. 8: The lode in Hitchins's shaft is

HUCKWORTHY BRIDGE.—Jas. H. Rodda, Aug. 8: The lode in Hitchins's shaft is 3 ft. wilde, presenting a more promising appearance than for some time past, composed of peach, mundic, prian, and stones of ore. No alteration in the 25 east since last report. RELLY BRAY.—S. James, August 3: Eastern Mine: The lode in the 70 east is about 1 ft. wide, composed of quartz, mundic, and spots of ore, enrying regular walls, a much more promising lode for the production of mineral than was found in the 60, just over the above-named point, and the ground is easy for progress—set to six men, at 64. 15s. per fm., one month stent. My idea is to get under the ore ground which was driven through in the 60 with all possible dispatch, which we consider is about 20 fms. ahead. We intend to commence a winze in the bottom of the 60 next week, about 30 fms. east of cross-cut and west of the bunches of ore passed through in the 60, where we are hoping to meet within the above shoots of ore as we proceed in depth. The ore which has been discovered is all dipping west towards the shaft in the 60, and if the above spots of ore are met with in the winze there will be a valuable mine opened in a short time, the ground being easy for exploring, and the machinery of the first quality. The lode in the 60 east is 2 ft. wide, yielding stones of ore, but the lode appears to be in a disordered state at present, showing indications that the elvan course is near at hand, or a cross-cut; the ground is easy for exploring—set to four men. at 41, 10s, per fm., and they pay for wheeling the stuff; one month stent. We weighed off on the 26th July 84 tons 14 cwts. LADY BERTHA.—Capis. Harpur and Metherell, Aug. 5: Since our report of Thursday we are pleased to say we are through the cross-course in the 53 east; so far as seen it is composed of mundle. capic, and stones of one, we are not ext sufficiently of the influence of monde. Capis. Harpur and Metherell, Aug. 5: Since our proport of Thursday we are pleased to say we are through the cross-course in the 53 ea

of ore, and hope to sample on August 5 about 70 tons.

ADY BERTHA.—Capte Larpur and Metherell, Aug. 5: Since our report of Thursday we are pleased to say we are through the cross-course in the 53 east; so far as seen it is composed of mundic, capel, and stones of ore; we are not yet sufficiently off the influence of the cross-course to say more about or state its correct breadth; in the same level west the ground is much improved, being a soft light killas, having a congenial appearance for the production of mineral. All other parts of the mine are without any material change.

— Captains Harpur and Metherell, Aug. 8: In the 53 fathom level, both east and west, we have no material change to inform you of since our last. In the 41 east the lode is about 3 ft. wide, composed of peach, mundic, and quartz, with occasional stones of ore. The lode in the stopes in back of the 41 west is from 3 to 4 ft. wide, composed of ore and mundic, worth of the former 3 tons, or 181, per fan. The lode in the 30 east is 4ft. wide, consisting of peach, prian, mundic, and ore, worth of the latter 3 tons, or 121, per fathom; we have just commenced to stope the bottom of this level west, where the lode is quite 3 feet wide, composed of mundic, peach, and ore, worth of the latter 31 tons, or 211, per fm. In the 20 east no lode has been taken down lately. The lode in the 10 east is 3½ ft. wide, composed of mundic, peach, and ore, worth of the latter 31 tons, or 211, per fm. In the 20 east no lode has been taken down lately. The lode in the 10 east is 3½ ft. wide, composed of mundic, peach, and ore, worth of the latter 32 tons, or 212, per fm. The 20 east no lode has been taken down lately. The lode in the 10 east is 3½ ft. wide, composed of mundic, peach, and ore, worth of the latter 32 tons, or 212, per fm. In the 20 east no lode was the summary of the latter 32 tons, or 212, per fm. The 20 east no lode has been taken down lately. The lode in the 10 east is 3½ ft. wide, composed of mundic, peach, and ore, worth of the latter 32 tons, o

when we three pares of tributers in the 41, working and raising lead at 81, per ion.—Pwill Melyn: Four men took a bargain at 101, to clear up the shaft and level, and from all I can learn there is some lead ground to work in this part of the mine, or will be after this bargain is completed.

LOWER PAIK.—W. Davies, Aug. 8: In the Paddock shaft the 20 yard level, driving south, is very favourable for driving, with some small spots of ore occasionally. The office shaft has been sunk to the top of the sump, and the men are employed in securing south, is avery favourable for driving south is hard, and without alteration since to open the sump. The cross-cut driving south is hard, and without alteration since to open the sump. The cross-cut driving south is hard, and without alteration and and stuff which had fallen down from time to time, and would occasion the water to run back again into the engine-shaft. The wheel is working well; the water is now down 3 fms. below the 20.—South Mine, Adit Level: The lode in the rise is composed of mundic and spots of ore; in this level east the branches in this end are looking kindy.

MERILLYN.—Wm. Sandoc, Aug. 7: The new shaft, which is now in full course of stabling by edgentment, is down about 6 ft. below the bottom level; the ground is favourable shaft, and the stable shaft of the stable shaft of the stable shaft of the cross-course, is producing a mixture of ore, and I expect the lode will improve as we forther, open on it. In the 20, going east from the new shaft, we are expecting very shortly to reach the junction of the north and south lode with this; the end now presents a very kindly appearance during the past few days; we have crossed two or three small branches, producing strong spots of lead ore; therefore I have not a doubt but the lode when reached will produce satisfactory results.

MICHELL—W. Sandoc, Aug. 2: Staurday last being our setting-day, we set a level when the stable shaft is the shaft to sink about 20 fms. west of the present shaft; at this point the lo

mine.

—T. Glanville, G. Davey, Aug. 7: In the flat-rod shaft the lode is good stones of grey ere. In the 142 cast the lode is 1 ft. wide, com-

posed of spar, mundle, and stones of copper own. In the 152 west that the lode is 3 feet wide, worth off, per faithom. In Grace's and the wide, worth off, per faithom. In Grace's and the lode is 2 feet wide, percentaged in some of ever perfaithout and the state of the state of

cross-course, which is 3 ft. wide, producing saving work for copper. We have commenced driving the 30, east of trial shaft, where the lode is 2 feet wide, worth 251, per fathom for tin.

PEDN-AN-DREA,—W. Tregay, J. Thomas, Aug. 3: Sump: The sinking below the 110 fathom level is proceeding without any hindrance. In the 110 east the lode is large and coarse. The 100 east is yielding coarse instuff. The stope in bottom of this level is worth 401, per fu. The 90 west is poor. The 90 rise is worth 251, per fathom. The 90 west, on Skimmer's lode, is worth 51, per fu.—Street and Brag's: In the 47 east the lode is 4 ft. wide, yielding coarse tinstuff. The stope in bottom of this level is worth 401, per fu. No change in the tribute department.

PENDEEN CONSOLS.—W. Eddy, J. Warren, Aug. 3: In the 130 north the lode is still large and poor; not yet hardly driven north far enough to take the run of ore goed down from the 118. In the 118 north the lode is still worth 104, per fur.; ground still hard for driving; for that reason we have not yet reached our main run of ore in the 106 in the 118 south the lode is large, and producing a little ore. The stope in the back of this level is now yielding about 2 tons of ore per fur. In the 104, south of engine-shaft are yielding about 2 tons of ore per fur. In the 104, south of engine-shaft are yielding about 2 tons of ore per fur. In the 104, south of engine-shaft was yielding about 2 tons of ore per fur. In the 104, south of engine-shaft are yielding about 2 tons of ore per fur. In the 104, south of engine-shaft are yielding about 2 tons of ore per fur. In the 104, south of engine-shaft was pideling about 5 tons of ore per fur. In the 104, south of engine-shaft was a super s

Darley's shaft in the eastern part of the mine. The pumping-capacity mery are working satisfactorily.

PROVIDENCE MINES.—W. Hollow, jun., T. Anthony, P. Rogers, Aug. 7: At Higgs's shaft the No. 3 Carbona is worth 361, per ton; No. 4 carbona is worth 201, per ton. The stopes in bottom of the 75 east are worth 121, per fm.—New South Lode: The lode in the 65 end east is worth 401, per fm.; No. 1 stope is worth 101, per fm.; No. 2 stope is worth 601, per fast. No. 2 stope is worth 601, per fast. No. 2 stope is worth 601, per fast. No. 2 stope is worth 601, per fast.

worth 601, per fathom. No change has taken place in any other part of the mine since last reported on.

REDMODI.—T. Taylor, Aug. 5: Since the last general meeting we have effected a communication between the 80 and the 70 on the western cross-course, and have driven the 80 west, on Johnson's, about 5 fms.; throughout this drivage the lode is worth 81, per fathom. In the 70 west we have driven 5 fms. 2 ft.; the lode has varied from 1 to 4 ft. wide, being principally blende and wolfram mixed, mundic, spar, and some good saving work for copper, but at pressint not so productive for tin. I would here remark in this drivage we intersected a beautiful cross-course about 1 ft. wide, which is about 15 fms. west of what we call the western cross-course, and should, therefore, recommend the pushing the ends of the 70 and 30 west, and run winzes through on the cross-course for air; they are exploring a new and tood channel of ground. In the 40 west we have driven about 13 fms.; throughout this drivage the lode has produced some good stones of tin, but not enough to save until the taking down of the lode on Saturday, which has so improved as to pay for driving (51, 3s. per fm.), which I hope will further improve as we reach to and get west of the cross-cut. I expected ere now to have reached it; its worked on in, the back of the 70 fm. level of fms. high, and there it shows an underlie of from 2½ to 3 tons per fm;; it is on an average 18 ln. wide. However, in rising from the 80 to the 70, on the same cross-course, it is n. arty perpendicular. The 40 end is within 7 fms. of 11 perpendicular, therefore it cannot be an off. We have on the floors about 3 tons of

tin, and about 100% worth of arsenic soot and copper ore. I expected to have had larger returns ere now, but our tribute in the 60, 50, and the 40 have considerably fallen off. I

tin, and about 1004, worth of arsenic soot and copper ore. I expected to have had larger returns ere now, but our tribute in the 60, 50, and the 60 have considerably failen off. I am gind to say, considering the improvement in the 40 end as we near the cross-course, a cross-course only seen at the 70 and the 80, together with the very kindly appearance has given a considerably with the interest; I may also add that the 181, difference in the price of first and last sais is solely owing to the fail in tin, and not quality.

ROSEWALI HILL AND HANSOM UNIFIED.—E. Thomas, the end of the Troan, at this level, is from 3 to 4 ft. wide, producing good stones of tin; at present it is a promising lode. No. change worthy of notice in any of our other tutwork departments. The number of tributers now at work is 40.

ROSEWALINE CONSOLE—E. Reheards, Aug. 6: in the 40, driving east of the endit of the 10 th 10

at the meeting.

SOUTH CRENVER.—E. Chegwin, Aug. 6: In the flat-rod shaft, sinking below the
105, the lode is 11/2 ft, wide, producing stones of copper ore and mundle. In the 105 east SOUTH CKENYER.—E. Chegwin, Aug. 6: In the fiat-rod shaft, sinking below the 105, the lode is 1½ ft. wide, producing stones of copper or and mundic. In the 105 east the lode is about 1 ft. wide, producing stones of ore, but not to value.—South Mine: In the 51, east of cross-cut, the lode is 2½ ft. wide, producing stones of tin and a little mundic. In the 51, west of cross-cut, the lode is 5 ft. wide, producing stones of tin and a good stones of copper ore; the lode in this end is improved in the last 6 ft. driving. SOUTH DOLCOATH AND CARNARTHEN CONSOLS.—W. Roberts, August 7; Tatwork Setting: The 50 cross-cut to drive north by six men, at 11/. per fm.; the aditest, on the caunter lode, by four men, at 71. per fm.; and a stope in the back of the adit, SOUTH DWHAI DEPARTMENT.

east, on the caunter tode, by four men, at the persist, men at the end driving south of Ley's SOUTH WHEAL BETSY.—W. Stephens, Aug. 6: In the end driving south of Ley's shaft we have cut a small caunter branch, about 2 in, wide, composed of spar and peach, with spots of copper ore. In the end driving north we have cut one of the branches which we had in the shaft, it is from 6 to 8 inches wide, composed of carbonato of limp blends, and souts of comper ore.

which we had in the shart, it is from to 5 menes wide, composed of carbonate of him-blende, and spots of copper ore.

SOUTH WHEAL KITTY.—S. Mitchell, jun., Ang. 6: The lode in the adit level is improved in value, and greatly improved in appearance; we are saving all the lode as we break it from the end, which will all pay well for stamping; the ground presents a beautiful appearance about the lode. The lode in the engine-shaft is much the same as last renorted on.

ported on.

IVES WHEAL ALLEN.—H. Taylor, Aug. 5: On Roderick's lode, the 20, east

On Giesler's lode the shaftmen are out-

om.

The in pe is since

ed an the per 4 ft.

MY. 1975 S. WILLA ALLEN.—H. Toylor, Ang. 5: On Pederick's look, the 20, east OLasies shaft, the look is worth, Ye prin. On Giestric look the shaft was a cut to the plant in the 30 to prepare to sink the shaft. The stopes in bottom of the 50 east to worth. The stopes is bottom of the 50 east to worth. The stopes is bottom of the 50 east to worth. The stopes is bottom of the 50 east to stope a piece of ground in the bottom to unwater the tim ground. All points must engoles a piece of ground in the bottom to unwater the tim ground. All points must engoles a piece of ground in the bottom to unwater the tim ground. All points were the stope in back of the 50 west is worth? I per im. In the 50, end of Gienric's shaft, the sum of the 50 east to worth the stope is the stope in the 50 east to worth the stope in the 50 east to be stoped in the 50 east to worth the 50 east to be stoped in the 50 east

same time, we consider it likely to be favourable for copper ore. The lode in the shaft is at present worth 157, per fin. In driving the 134 end east a large vegth has been met with, which makes the ground caster, and the end is worth 15, per fin. In the 134 end with, which makes the ground caster, and the end is worth 15, per fin. In the 134 end, were the property of the 154 end of the 154 end in the 154 end were the 154 end of the 154 end in the 154 end were the 154 end of the 154 end east contains copper ore, but not of much value. The atopes contains opper ore, but not of much value. The atopes contains of Just the 154 end east contains copper ore, but not of much value. The atopes contains of Just the 154 end east contains copper ore, but not of much value. The atopes contains of Just the 154 end east contains copper ore, but not of much value. The atopes contains of Just the 154 end east contains copper ore, but not of much value. The atopes contains of Just the 154 end east contains copper ore, but not of much value. The atopes contains of Just the 154 end east contains copper ore, but not of much value. The atopes contains the 154 end east contains on the 154 end east contains the 154 end east contains on the 155 end east contains the 155

stones of ore occasionally; tribute ground.—Cannter Lode: In the 114 east the lode is 1 ft. wide, producing stones of ore.

WEST DEFON CONSOLS.—Capt. Rowe, Aug. 8: At the south lode, engine-shaft, the timber work is complete in the whim department in good condition to enable us to draw the stuff from the present bottom. The drivage of the 40 east is resumed by a full pare of men, at 7t. 15s. per fun, stent; to be carried 6 ft. wide within timber; no time will be lost in prosecuting this desirable point of operation with all possible vigour to arrive at the ore ground. The lode in the present end is 10 inches wide, producing very strong mundic, thickly impregnated with good quality yellow copper ore, looking exceedingly kindly.

seedingly kindly.

WEST FOWEY CONSOLS.—F. Puckey, E. Dunstan, August 5: There are no alterations to notice since our last report, except in the 125, east of Puckey's north thanft, where the lode is improved, and now worth 201, per fm., for tin.

WEST PAR.—J. Webb, Aug. 8: Chalmer's shaft is sunk and timbered 6 fms. below untface. The adit end is still being driven north by two men. We are expecting the new cylinder-cover and bottom here to-morrow, when the engineers will put the en-

surface. The adit end is still being driven north by two men. We are expecting to new cylinder-cover and bottom here to-morrow, when the engineers will put the engine in order.

WEST SHARP TOR.—W. Richards, August 5: The part of the lode now being cut into in the cross-cut in the 150 is composed of quartz, fron, peach, and capel, with spots of grey copper ore occasionally. The ground in Morria's shaft is much the same for progress as when reported on last week.

WEST WEST WENDRON CONSOLS.—R. Kendall, J. Hore, Aug. 3: The engine-shaft to sink below the adit, by nine men, at 9f. per fm.; we expect this shaft will meet the lode 10 or 12 fms. below the adit. There are three men and one boy clearing the adit east of the flat-rod shaft, at 25s. per fm. There are two men and one boy clearing the adit east of the flat-rod shaft, at 25s. per fm. There are two men and one boy clearing the set, at 89s. per fm.

WEST WHEAL JANE.—J. Tonkin, J. Smith, Aug. 3: In the 70 west the lode continues large, and producing a little tin, but not of much value at present. In the 50 west, now about 8 fms. from Jones's shaft, the lode produces 12f. worth of tinstuff per fathom. In the 30 west the lode is 4 ft. wide, worth 12f. per fm. for tin, and producing 3 tons of mundic per fm. In the 10, east of Painter's shaft, the lode is 9 ft. wide, worth 20f. per fm. for tin; in the 10, west of this shaft, the lode is 9 ft. wide, worth 20f. per fm along the marked per from 1500 to 2000 sacks of tinstuff from the tulwork, which we have not sampled. We hope our stamps, after we have set twelve heads more to work, will stamp the greater part of our lutwork stoff.

WEST WHEAL PROVIDENCE.—John Thomas. Aug. 4: The works are progresswers.

progress. In the 40 east the lode has a little improved, and is worth 1 ton of ore per fathom. The tode in the stope in back of this level is worth about 2 tons of ore per fm. This ground will pay best for working on tribute, therefore we intent to suspend stoping, and put the same men to commence a new rise in back of the 71 west, in order to communicate the 71 with the 61 as soon as possible, so that as little time as possible may be delayed in driving the ends westward. The lots in the stope below the 40 cast, east of No. 2 winze, is still a good course of ore, worth 4 tons per fm.—North Lode: In the boundary cross-cut north the ground at present is not so easy for opening as formerly, but it is still very favourable for progress. It is desirable that this point should be presecuted, with vigour, and Wheal Arthur agent will supply two men to assist as soon as they have communicated with the 50, on the south lode. In the 25 fm. level west there is no change worth notice.

boundary cross-cat north the ground at present is not so may are opening as hermary, but it is still very favourable for progress. It is desirable that this point should be presecuted, with vigour, and Wheal Arthur agent will supply two men to assist as soon as they have communicated with the 50, on the south 10ck. In the 25 fm. level west there is no change worth notice.

WHEAC GRENVILLE,—G. R. Odgers, W. Bennetts, Aug. 3: No lode has been taken down in the engine-shaft. We shall shortly be at the 110, when we shall prove the lode that is standing on the south side. At the 100 cast its men have been engaged putting in air-pipes, after which we shall cut in south, from whence there is a very large stream of water flowing. The lode in the vine related in the stream of water flowing. The lode in the vine show and quartz, with occasional stones of ore-looking kindly. The lode in the 90 west is 10 in, wide, of quartz, with mundic, and spots of yellow ore. The lode in the south of the lode at East Wheal Grenville, it looks favourable for the lode being before us. The tribute pitches are looking much the same as for some time past.

WHEAL HARRIETT.—S. Williams, Aug. 3: The lode in the 115, east end, is 1 foot wide, producing stones of copper ore. The lode in the stope below the 100 is worth for tin 40t, per fm. The lode in the 100 end east is 1½ foot wide, producing be cwiss of fin per fm. Other parts of the mine are without change to notice.

WHEAL MARY ANN.—P. Clymo, H. Hodge, J. Harris, J. Stevens, Aug. 8: The lode in the 170, north of Poliard's shaft, is 2 feet wide, and worth 4t. per fm.; in the same level south it is 3 feet wide, and worth 6t. per fm. The lode is 12 feet wide, and worth 4t. per fm.; in the same level south it is 3 feet wide, and worth 6t. per fm. The lode, all the per lone is a feet wide, and worth 6t. per fm. The lode, is 110, south of the side. Clymo's shaftmen are still engaged in cutting a trip-pist in the 160. Such of the lode is 3½ feet wide, and worth 6t. per fm. There is nothing and pro

the 10; the lode is much the same. Watson's shaft is such 3ft. this week; the lode is not taken down. The 12 east and the back are working on tribute, and we think the men will make wages.

WHEAL SICHY.—J. Symons, Aug. 7: The whitn-shaft is below surface 8½ fms.; lode 2 feet wide; the leader part is 12 in. wide, composed of white iron, prian, and lead—a kindly lode; this lode looks promising to make something good in depth. The 17 end, north of cross-cut, is in about 36 fms.; the lode is still split by a horse of killar the leader part is 12 inches wide, composed of white iron, prian, and good stones of lead. In a short drivage more I expect these parts will unite, when something good may be expected. The wheel and pitwork are in good working order.

WHEAL SIDNEY.—W. Edwards, Aug. S: Since the report for the general meeting we have succeeded in forking the water at the old engine-shaft within the time then stated, and have resumed the driving of the 46 end west; the lode in this end is 3 feet wide, producing some good stones of itin, the whole being swing work. We have also set three pitches in the back of this level to nine men and three boys, at an average tribute of 11s. 9d. in 11s., and one pitch in the back of the 3s, at 13s. 4d. in 11s.—all at standard of 60l, per ton. In the 36 cross-cut south, towards the caunter and south lodes, no change to notice, but still a great deal of water coming from the end. At the new engine-shaft, the 60 cross-cut south is now extended 40 fms. 2 ft. No change to notice in the character of the ground.

WHEAL UNY.—Capts. Daw, Conde, and Rogers, Aug. 1: On Friday last the various pitches were set. In the 80 east the lode has been cut into 7 or 8 feet, and no north was pitches were set.

He of the producing average stuff, and when the eastern ground is laid open there will be abundance of tinatuff. We think the sale will be 16 tons for the past four weeks, the increase being in the quantity stamped, and not in the qualitie, perpendicularly; it is producing 1 ton of ore per fath

the same. In the cross-cut south, in the 48 fm. level, the ground indicates that we are near another lode.

WHEAL WREY CONSOLS.—P. Clymo, Wm. Hancock, M. Whitford, Aug. 8: The cross-cut in the 116 is extended west towards the lode 1 fm. 4 ft. The lode in the 106 south is 2 ft. wide, producing 5 cwts. of lead per fm. 1 in the same level north it is 3 ft. wide, producing 7 cwts. of lead per fm. 1 in the 68 south it is 2½ feet wide, producing \$cwts. of lead per fm. in the same level north it is mail, being in disordered ground. In the 64 north it is 2½ feet wide, producing 5 cwts. of lead per fm. The stopes and pitches are not quite so productive as when last reported on. We soid yesterday a parcel of lead ore, computed 45 tons, to Messrs. Sims, Willyams, and Co., at 14. 17s. 64. per ton.

WORVAS DOWNS.—R. Harry, Aug. 6: In the deep adit cast the lode is not so productive as it has been, but is still producing good stones of tin—stamping work. The stope in back of the 20 cast, on the south part of the lode, is worth sout 44, per fm. No. 1 carbona is worth 164, per fam.; No. 2, recently cleared up, is worth 64, per fathom, and looks promising to improve. Other points of operation remain without atteration. There are ten men working on tribute, at 11s. in 11. We soid our tin on Saturday, and shall lose no time in getting another parcel ready for market.

FOREIGN MINES.

FOREIGN MINES.

New Grand Duchy of Baden.—J. Richards, Munsterthal, Aug. 5: At Schindler engine-shaft the lode in the 54 north is 4 ft. wide, worth 181, per fathom; the stopes in back of this level are worth 121, per fathom. In the same level south we continue driving by the side of the lode, where the ground is improving a little; the part of the lode (2 feet) taking down behind the end is worth 101, per fm. In the 44 north we are now carrying 4 feet of the lode, which is worth 81, per fm. In the 44 north we are now carrying 4 feet of the lode, which is worth 81, per fm. In the 44 where it is 7 feet wide, worth 101, per fm.; in the same level south 1½ ft. of the lode in the end is worth 61, per fm. The 10, per fm.; in the same level south of the shaft, are worth on the average 71, per fm. The 54 north is driving by the side of the lode in moderate ground; in the same level south the lode is small, and disordered by a small cross-course. At the smelting-works, campaign 27 is in a forward state, and, like the two former ones, is also rich in silver.

Victor Emanuel.—Miggiandone, Ang. 3: The men have commenced stoping the shoot of ore through which we went in Thompson's level; the stopes are worth 4 tons of copper ore per fathom. At present the end of this level contains a large quantity of pyorrhotine, but is not looking so well for copper ore. We are driving Falconer's level to intersect the shoot of ore discovered in Thompson's level as soon as possible. The tramway from Falconer's level to the new dressing-disors we hope to finish month; the construction has been no easy matter, as it had to te carried over precipices and through heavy crushed ground. We have been fortunate in completing the most dangerous parts without any necident. When this tramway is finished it will effect a great saving of time and labour, and we shall then be in a position to raise and dress the ore discovered in Falconer's level to greater advantage. Gen. Hay, who visited this level on Mederakay. The long adit has also been secured, a of this adit. At Miniera Vecchia we are making preparations for getting out the water.

Pontgibaud.—Capt. W. H. Rickard, Aug. 2: Roure: In the 60, north

of this addit. At Miniera Vecchia we are making preparations for getting out the water. PONTGIBAUD.—Capt. W. H. Rickard, Aug. 2: Roure: In the 60, north of Rickard's shaft, we have not yet cut the castern part of the lode. The same jevel south produces carbonate of lead. The 60, south of Anna's, produces saving work; the lode is 2 ft. wide, orey throughout. The 40 south is in speedy ground, producing stones of ore. The 20, south of Agnes' shaft, on Agnes' lode, is producing 1% ton of ore per fathom. In the adit south the lode has made a sudden turn to the weat; we have cut through it 1 ft., which is saving work. The stollen south produces \(\frac{3}{2} \) ton of ore per fathom. In the adit south the lode has made a sudden turn to the weat; we have cut through it 1 ft., which is saving work. The stollen south produces \(\frac{3}{2} \) ton of ore per fm., width of the level.—Winzes: No. 1 winze sinking below the 30, north of Rickard's shaft, is poor. We have 16 stopes in the different levels, which turn out well, and 20 pitches at modernte tribute.—Rosier: The 58, south of Little St. Joseph's shaft, is being cleared and repaired by the timbermen. The sinking of the shaft below the S 5 goes on favourably.—Barbecot: The lode in the 35, north of Lieutine's shaft, is 3 ft. wide, producing saving work, and improving in appearance.—Mioche: The 80 cross-cut, east of Taylor's shaft, is spare for driving. The 60 south, on No. 3 lode, has improved in appearance, producing stones of ore. The cross-cut west of railway is still in lodey ground, of a very kindly nature, but without any ore. Our stopes, two in number, are yielding moderately, and the tribute pitches have a little improved.—Franal: We have cut the lode in the cross-cut wast, south of St. Martin's shaft, in the 8 metre level, where it is 8 it. wide. worth 2 tons of ore per fathom. Our stopes, two in number, are yielding moderately, and the tribute pitches have a little interest on the pitches are not yielding so much ore as when last reported.—La Grange: We hav

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WELSH RAILWAYS

The Royal Assent has been given to several Welsh railway bills. The most important are—The Swansea and Neath, the Swansea Valley, the Pontardulais and Swansea, the Carmarthen and Llandilo, and the Devil's Bridge and Aberystwith lines, which are all connected with the mineral traffic of South Wales. The question now asked is, when will they be made, if the money market continue so tight as it is at present, and it is likely to do so for some time to come? Much depends upon the requirements of the district and the amount of local support given to the undertakings. We expect the Swansea and Neath, and the Pontardulais and Swansea lines will be compressed at ones, that is, as soon as the prelim takings. We expect the Swansea and Neath, and the robardulais and Swansea lines will be commenced at once—that is, so soon as the preliminary arrangements are completed, because they have received subscriptions to a considerable amount, and have the support of the mining and shipping interests centered in Swansea, which is undoubtedly the most rapidly rising port in Wales. The works upon these two lines will not, from the nature of things, be delayed; besides, the directors promise to go on with sprirt as soon as possible.

with spirit as soon as possible.

We wish we could use similar language in reference to the other lines which are also intimately connected with the industrial prosperity of the country. The Carmarthen and Liandilo line will, we fear, hang in suspense for a very long while, notwithstanding the promise of the directors to finish it by next Christmas twelve months. It has not had any extension when the substitute in the locality was the super the inhelitants are sive monetary assistance in the locality, not because the inhabitants are unconcerned in it so much as from the comparative poverty of the country, which is at present almost purely agricultural (although prospectively mining), and the inefficient means used to obtain shareholders. Saturday is the market day in the principal towns, and we believe that was the only occasion upon which the tradesmen of these towns—or, at least, one of them—were canvassed. A more inappropriate day could not have been selected, and, as a matter of course, the effect was unsuccessful, or nearly so. There was also a dispute as to the terms of agreement, which might easily have been arranged. We know several tradesmen who are prepared to take shares if waited upon. Why not hold public meetings, and in a business-like manner solicit subscriptions, as was long since suggested? The reality of public sympathy with the line would then be proved beyond doubt, and if the inhabitants, who are directly interested in it, do not liberally subscribe they must not complain of any neglect on the part of the immeassistance in the locality, not because the inhabitan doubt, and if the inhabitants, who are directly interested in it, do not liberally subscribe they must not complain of any neglect on the part of the immediate promoters of the undertaking. We might almost say the same of the Devil's Bridge and Aberystwith branch of the Manchester and Milforn Haven line, which is in truth mainly intended for the mineral traffic of the Rheidol. At the rate of the progress observed in the construction of the main line the next generation will barely witness its completion.

The Carmarthen and Cardigan Railway, from the Myrtle Hill station of the South Wales line to Conwil, will be reopened for traffic on Monday next. It was rumoured that the company intended to work separate from the South Wales—that is, to have no working arrangements with them. The impolicy of such a course was so obvious that it was thought the di-

The impolicy of such a course was so obvious that it was thought the directors were under the pressure of some influence opposed to the best interests of the line, and arrangements which had been made for lime and coal from certain depots, to the exclusion of all others, gave a decided colouring to the representations which were affoat. We are, however, glad to state that the directors have made arrangements with the South Wales mpany, and the traffic will be through for passengers and goods.

THE MINERAL WEALTH OF SOUTH WALES.-No IV.

THE LLWYNCALENIG MINES.

In selecting mines for discussion, we do not submit to any geographica In selecting mines for discussion, we do not submit to any geographical order, but take them up from time to time as it suits our purpose. Indeed, it would be tedious to go minutely into all the trials for ore outside the purely mining districts of Wales; and it will answer all practical ends to notice only those which were made with fair prospects of success. We shall, therefore, go direct from Merlin Hill and Pantygleien to Llwyncalenig, passing over unobserved a great many trial pits and adits, which may at some future time engage our attention. Llwyncalenig is marked on the Ordanace Map about five in its proposed shortly to erect a station on the Carnarthen and Cardigan Railway, which runs through the village. It is best reached over the Lampeter road. The whole district is highly mineralised, and very close observation is not required to detect numerous indications of ore where the rocks are precipitous and bare, or where stones are quarried for agricultural operations or building purposes. We may here state that the Silurian formation of Murchison extends without interruption from Carmarthen to Cardigan Bay, and is for the most part composed of argiliaceous slate, with frequent bands of git and sandstone. If we take a large map it will be easy to trace the strata, and by also using the sections of the Geological Survey we shall find that the mineral-bearing, roke in the north-east and the south-west crop at Liwyncalenig. We say mineral-bearing, for it is known that from the time of the Romans to the present day mining in Wales has been profitable, generally speaking, only in argiliaceous rocks. This is not the place to enter upon the interesting subject here aliated to; if it were we should have no difficulty in supporting the position we must now assume. The map will at once suggest several mines on the strike of the same strata as that at Liwyncalenig diversion, and the same special control of the co order, but take them up from time to time as it suits our purpose. Indeed pression, cannot fail to strike any one who had a specific and the first sight it appears to be a spur of the Altywalis range of nois, or, properly speaking one of the group constituting the range, which resembles a host of huge raths or Roman fortifications. These hills are fractured and traversed in every direction by picturesque valleys, or cems, as they are commonly designated in Wales; and hence the frequent outcrop of iodes and the facilities presented for economical constitutions.

direction by picturesque vaileys, or coms, as they are commonly designated in Wales; and hence the frequent outcrop of iodes and the facilities presented for economical mining operations.

A little more than 12 months ago we visited Liwyncalenig, on a geological excursion, and our attention was arrested by the strong mineral features of the country, which reminded us of some of our more profitable mining districts. There is great reluctance on the part of the peasantry and small farmers to assist the expiorer, and our enquiries in this, as in many other parts of Wales, were met with a blank expression of countersance, and the invariable reply—"There is no mayn here, that I know of." We, however, persevered, and were at last directed to Mr. Davies, the intelligent proprietor of Liwyncalenig, who very readily took us over his property, and without hesitation supplied us with all the information we required. In a quarry just below his residence, which he opened many years since for the purpose of producing stones to drain some land, he discovered a silde running transversely, carrying what he describes as decomposed stone, and a kind of heavy ironstone, from 1 to 2 in. in diameter. He cracked these hard stones, and found in them particles of sulphide of lead and copper. He could not well be mistaken in the galena, and as a test for copper he placed some iron in a stream of water issuing from the silde, and in two days, he assurred us, it was discoloured by a preciptate of copper, which he proved by removing it with paper, which in burning gave a strong copper reaction. He subsequently drained some land near the quarry, and in excavating the necessary trenches he found darge quantities of angular pieces of rock, carrying lead and copper. These facts induced him to conjecture the presence of a large body of ore, not far from the surface; and by way of further trial he directed a man to cut a trench up to a spring of water forcing its way from the side of the hill. By this means he discovered a quantity of loose and

to the presence of copper in the lode, although he speaks positively on the point; but we must add that the pyrites we have seen are all fron. Still that is of very little importance, as the lodes probably carry lead and not copper. All these mines require is a fair trial: they have not yet been meddled with by any company, Mr. Davies having made all the trials described by him for his own gratification, and at long intervals of time. He talks of sinking a little deeper after the harvest, but would it not be worth the while of some of our large mining interests to develope these mines, which they might lease upon easy terms, and work at a trifling expense, if placed under the management of an agent who knows the country well, and who is influenced by the admitted principles of science, as well as the teachings of experience? We have no personal interest in the matter, but heing anylous to develope the untried mineral districts of Wales, we should r, but being anxious to develope the untried mineral districts of Wal d to supply information respecting these or any other mines in the co

MINING IN THE DEVON GREAT CONSOLS DISTRICT.—That the rich lodes which have returned such enormous dividends to the proprietors of the Devon Great Consols Mines should be confined to the precise boundaries of their sett is a circumstance which can scarcely be supposed to exist, and the prospect of adjoining properties proving equally remunerative to the shareholders is certainly all that can be desired. The mine in question is immediately between the Devon Great Consols, the value of which is too well known to require comment, and the Great Wheal Martha, from which a large quantity of ore has recently been sold. The company for working the East WHEAL MARTHA sett has been formed on the limited liability principle, with a capital of 15,000L, in shares of 2l. 10s. each, and as the promoters are to receive only 7750l, for the transfer of the property of which 250l is in the shares of additional to the money of the whole of the hone of additional to the content of the property of which 250l is in the shares of additional to the content of the property of which 250l is in the shares of additional to the content of the property of which 250l is in the shares of additional to the content of the c AL MARTHA sett has been formed on the limited liability principle, with a capital of M., in shares of 21. 10s, each, and as the promoters are to receive only 77804. for the let of the property (of which 62804, is in the shape of paid-up shares, and the representation of the property of which 62804, is in the shape of paid-up shares, and the representation of the property of which 62804, is in the shape of paid-up shares, and the representation of the property of the propert lodes of very great promis

IRON AND COAL MINING IN GLAMORGANSHIRE.—In another column we publish an advertisement for a partner, with capital, in an iron and coal works in the Bridgend district, the profits of which are estimated at nearly 30,0001. per annum.

It is calculated that the two furnaces turn out iron (1200 per month) at 35s. per ton, which is saleable at 35., and that on the monthly sale of 10,000 tons of coal the profit is equal to 1500. A large profit may, it is presumed, be realised even in the present depressed state of trade, and as soon as former activity revives the percentage returned upon the investment will, of course, be enormous.

GERMAN MINING CONFERENCE.—The second general assembly of miners and smelters, appointed at the May meeting of 1860 to be held in the autumn of 1861, is now fixed for the last week in September—the opening taking place on Monday, Sept. 23, and the dissolution Sept. 29. The subscription will remain as at the first conference, 5 fl. C. M., equal to 10s. sterling. The committee will be glad to learn before September 20 the names of those gentlemen intending to be present at the meeting. In the event of it being intended to exhibit mining products, drawings, models, machines, tools, scientific apparatus, &c., the space required must be stated, at the latest, by Sept. 15; and it is to be understand that the exhibitor pays carriage both to and from the place of exhibition. All communications must be addressed:—"An das Comité der allgemeinen Versammlung von Berg- und Hüttenmanern, zu Händen der Redaction der Oest. Zeitschrift für Berg- und Hüttenwesen, Buchhandlung Friedrich Manz Zeitschrift für Berg- und Hüttenwesen, Buchhandlung Friedrich Manin Wien, Kohlmarkt Nr. 1149."—Berg Geist.

At the Paris Academy of Sciences, M. Ste. Claire-Deville presented several specimens of beautiful crystallisations of metallic oxides, obtained by contact with gaseous hydrochloric acid; and especially called attention to the crystals of protoxide of manganese, of an emerald blue, an adamantine brilliancy, and of considerable power of refraction.

The COMPRESSED COAL COMPANY commenced the allotment of their The London works are forthwith to be erected, and it is anticifilled. The London works are forthwith to be erected, and it is anticipated that in about two months the company will be in full working order. The advantage claimed for this company's fuel over every other description of artificial fuel is that it contains nothing but pure coal. In all others—such as Warlich's, Wood's, &c.—there is a large admixture of foreign matter, in the shape of pitch, tar, and other similar substances, to which much serious objection has been raised. Upon these grounds it is confidently believed that the Compressed Coal Company's fuel will find a more ready market than any other description of artificial fuel.

Colliery on Fire.—On Wednesday a fearful accident occurred at Summerlee Colliery, near Hamilton, by which the lives of a large number of men are jeopardised. It appears that the shaft is divided so as to serve for upcast and downcast, a "cube," or furnace, being provided on one side of the bratticing to produce the current of air through the workings. From some unknown cause the cube became overheated, and ignited the lining of the shank, when in less than ten minutes all access with the men in the pit was cut off. On the morning of the accident about 45 men and a number of boys employed as drawers descended the pit, and all went on well until one o'clock in the afternoon, when the bratticing took fire, and speedily reduced the bratticing and head-gear to-inders. After three hours' of continued exertions, and with the aid of various engines, the fire was sufficiently subdued to enable a rope to be lowered, which some of the men succeeded in fastening round their bodies, and were so raised. Temporary pulleys were quickly erected, and a hutch lowered, in which the miners least exhausted manage to take a place, and one by one were brought to surface. By seven o'clock 13 had been thus raised, when a brave fellow—Andrew Hunter—an ironstone miner, volunteered to descend into the suifocating atmosphere to render his assistance to those who were too weak to fix themselves in the hutches. After Hunter had been down some time he signalled to be raised, and state that in the dark, and without assistance, he could do nothing, but with lamps and assistance he would go down again. Lamps being procured, Hunter and Fieming descended, and after sending up several helpless miners were themselves raised in a fainting condition. Other volunteers were now found, and by half-past mine 28 had been rescue, one only—Macleod Nelson—having expired. As the evening advanced nearly all the men brought up were insensible. A worthy act on the part of Mr. W. G. Simpou (Dundas, Simpson, and Co.), whose works adjoin the Summerlee Company's, shou

COLLIERY EXPLOSIONS—RESPONSIBILITIES OF COALOWNERS AND PIT-Colliery Explosions—Responsibilities of Coalowners and PitMen.—At the Dumbarton Small Debt Court a case of some importance,
both to coalowners and colliers, was heard, wherein Martin Oliver, a miner,
soughtto recover 121. damages for injuries he sustained through an explosion
of fire-damp in May last. The miner contended that the cause of the explosion was that one of the drawers had left a trap-door open, whilst the owner declared
that the means of ventilation were perfect, and in good order, and that on the morning
of the accident the pit was carefully examined and found to be in a sale condition. In
the forenon the presence of fire-damp was detected, the workmen were warned, and the
fireman sent for. The miner injured careleasily continued to work with his naked lamp,
though others had put theirs out, and the explosion occurred before the fireman reached
the spot. All the witnesses admitted that the ventilation was good, and the sheriff
found, that although a remote cause of the accident might have been the leaving of a
trap-door open, the proximate or immediate cause of the accident was the pursuer's own
lamp, and the pursuer had improperly remained at work, with the lamp burning, after
he had admittedly received intimation of the presence of fire-damp, not only contrary
to the rules of the pit, but contrary to all prudence

EXTRAORDINARY VERDICT.—On Tuesday, an inquest was held at St.

EXTRAORDINARY VERDICT.—On Tuesday, an inquest was held at St. Helen's, on the body of James Dugdale, a fireman, who was killed on the previous day at Messrs. Pilkington's colliery, Sutton, in consequence of being lowered into the "dip well," which contained several feet of water, by the neglizence of the engineer, Thomas Golding, who had not opened the throttle-valves when the deceased signalied to ascend. The jury returned the following verdict:—"Censurable mistake. Drowned in the pit by the negligence of the engine-driver running the neglect have weare way." ligence of the engine-driver running the engine the wrong way."
whether the verdict is equivalent to one of manslaughter.

For more than ten years the Railway Passengers' Assurance Company has enjoyed a reputation for integrity and liberality which has secured it a large amount of public support, and we much regret that they should have been concerned in a case which, having been decided against them, cannot fail to very materially affect the character of their policies for indisputability, unless it be clearly shown that the company had good ground for believing that an attempt was being made to defraud them. At the Wells Assizes, on Thursday, Mr. Justice Byles heard a case in which the widow and administratrix of Mr. John Hutson, a Somersetshire farmer, who had insured against accident in the Railway Passengers' Assurance Company, sought to recover the amount insured, the company refusing to pay on the ground that Mr. Hutson did not die from the effects of accident, but from his own wilful act in exposing himself to unnecessary danger, or while he was in a state of intoxication. Originally the company's busines was confined to railway accidents, but it has since been extended to accidents of all classes, which doubties has caused a large amount of difficulty to be met with in determining what deaths were accidental and what otherwise; and, inasmuch as enormous benefits are offered for extremely small premiums, it follows that it would be rainous to pay ciaims without the most careful enquiry. In the present case the insured had been dining out; but from the evidence it appeared that although he had been drinking cider, and one or two glasses of ale, he was not intoxicated. Although inasmuch as the verdict of the coroner's lury was to the effect that the decessed was "found dead in the Rhyne, that by some means unknown to the jury he had failen into the Rhyne, and in the water thereof became drowned and was suffocated, of which he died," upon a post mortem examination there were not any evidences of drunkenness. At first sight the repudiation of the claim by the company may appear unjustifiately, but when we consider that the body For more than ten years the RAILWAY PASSENGERS' ASSURANCE COM

EXPORT OF RAILWAY MATERIALS TO INDIA .- The activity which prevalied last year in various branches of the iron trade is to some extent explained by the immense shipments made of materiel to India, on account of the vast railway works now in progress. It appears from an efficial roturn that last year no less than 234,710 tons of materials were dispatched to India, of the collective value of 2,140,7031., being the largest consignment made in any one year since the works were commenced.

From British Columbia the mining intelligence is very favourable. rich and extensive diggings have been discovered lately, and the miners are reported a saming largely. About \$125,000 in value of gold dust has come down to Victoria, be-idies what was carried by miners on their persons, within the last ten days.

The Artesian well at Columbus, Ohio, has reached the depth of 2339 ft. 10 in., 4 ft. 2 in. deeper than any other well in the world. It now only lacks 300 fee 1 in. of being half a mile deep.

VALUABLE LAND.—The North-Eastern Railway have had to pay Mr. oshua Bower 4850l., with costs, for five acres of land at Harrogate, besides the advanges obtained by the railway passing through his estate.

DE ARRIETA'S CHAPAPOTE.—In the specification of this patent, just LIE ARRIETA'S UHAPAPOTE.—In the specification of this patent, jur filed by Mr. Henry, the patent agent, Fleet-street, various applications of this importate product are claimed. A mode of coating metal and other substances with oil and concrechapapote for protecting and preserving them is especially referred to. Also a compour of chapapote with silicious or other mineral matter well mixed therewith, and with without oil, is proposed for various coating and covering purposes. A mode of employing slabs of chapapote with other matters for paving roads and other surfaces, and a method resisting the rise of damp in houses, by the introduction of chapapote into the wall are particularly described.

anoving Carriages on Kailways.—An apparatus, intended chiefly to be used at stations for moving carriages in the making up of trains, has been provisionally specified by Mr. T. V. Guerrée, of L'Aigle. It consists of a frame placed or wheels running on the rails provided with a platform for an attendant to stand on, and with a winch handle for giving motion to a worm or codiess screw in gear with a worm wheel upon the axie of the railway wheels. The top of the frame engages in a hook or the carriage to be moved. The wheels may be roughed or jagged to give them a better hold on the rails, and the bits may be further secured by means of a rod carried from the top of the frame to an eccentric on the axie of the wheels. Moving Carriages on Railways.—An apparatus, intended chiefly

The Mining Market; Prices of Metals, Gres, &c.

METAL MARKET-Londow, August 9, 1861.

COPPER. £ s. d.	BRASS, Per. 1b.
lest selectedp. ton 96 0 0	Sheets 81/4d91/4d.
ough cake 93 0 0	Wire 9d
file 93 0 0	Tubes 10d,-101/6d.
Surra Burra (nom.), 93 0 0	
lopiapo # 86 0 0-88	
copper wirep. lb. 0 1 0	Swedish, in kegs (rolled) 14 10 0
ditto tubes , 0 1 01/6	(hammered)
heathing & bolts , 0 0 10%	Ditto, in faggots 15 10 0
lottoms , 0 0 111/2	English, Spring 18 0 0-23 0
old (Exchange) " 0 0 9	Bessemer's, Engineers Tool 44 0 0
mon. Per Ton.	" Spindle 30 0 0
Bars, Welsh, in London . 6 5 0	QUICKSILVER 7 0 0 p. bottle
Oitto, to arrive 5 17 6	SPELTER. Per Ton.
Nail rods 7 0 0	Foreign 17 0 0-17 10 0
" Stafford. in London 7 0 0	To arrive 18 5 0
Bars ditto 7 10 0-8	
Ioops ditto 8 10 0	ainc,
Sheets, single 9 0 0-9 1	
Pig, No. 1, in Wales 3 0 0-4	
Refined metal, ditto 4 0 0- 5	
Bars, common, ditto 5 0 0	Ditto, Bars (in barrels)115 0 0
Ditto, merchant, in Tees 6 10 0	Ditto, Refined
	8 Banca
	0 Straits
	TIN-PLATES.*
Pig. No. 1, in Clyde 2 8 0-21	0 0 IC Charcoal, 1st qua. p. bx. 1 8 0-1 9 0
Ditto, f.o. b. in Tees	1
Ditto, forge, f.o.b. in Tees	7.7
Staffordshire Forge Pig. 3 10 0-3 1	6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Weish Forge Pig	1 1 4 4 4 4 4
	1 2 2 1 0 0
English Pig 19 0 0-21	
Ditto sheet 21 0 0-21	
Ditto sheet 21 0 0-22 Ditto red lead 22 0 0- —	
Ditto rea lead 28 10 0-30	
Ditto patent shot 23 0 0-24	0 0 Yadian Chancast Diss.)
	1s. to 1s. 6d. per box less.
- At the works,	IS, to Is, our per sea ress.

REMARKS.—The unfavourable intelligence received of the war in Ameica is anything but conducive to the restoration of commerce with that ountry. Since the commencement of hostilities there our market, with little exception, has suffered extreme prostration, and consequently a great depreciation in the value of all metals. Although we cannot attribute the absence of the general demand entirely to the rebellious state of America, absence of the general demand entirely to the rebellious state of America, yet it is admitted that to this cause may be traced the principal depression; indeed, the interests of the English and American markets are so closely allied that there naturally exists a sympathetic feeling, and the changes that occur from time time in either place exercise considerable influence one over the other; nevertheless, in face of the unfortunate turn of the war, which appears now as if it would be greatly prolonged, strange and contrary to all reasonable anticipations, it has scarcely made the least impression, and, most surprising, has not in any way checked or interfered with the speculative feeling that has been recently manifested. Under these circumstances, speculation is premature, and is not at a safe time. War is the curse of trade, and poverty and adversity attend it.

COPPER.—Underselling is now quite over, and the smelters are no longer sellers under fixed rates. Our market is very firm, and an advance may

sellers under fixed rates. Our market is very firm, and an advance may shortly ensue. Foreign has also participated in the improvement, and holders are less disposed to realise than hitherto. Burra Burra, 95\(\mu\); Kapunda, 94\(\mu\); Baltimore, 93\(\mu\); Spanish, 85\(\mu\); Chili, 85\(\mu\). The standard

risen, and the tendency is still upwards.
con.—Orders continue very limited for all kinds, and prices are easy. The production is much diminished, and might be further reduced; it is the only way to maintain present rates while business is so dull. Merchant bars are easier to buy. Staffordshire is in limited demand. Scotch pigs are rather easier, mixed numbers having receded to 51s, 51s, 3d, cash.

LEAD.—English pig firmer in price. Sales to some extent have been English pig firmer in price. Sales to some en nordinary soft quality. Spanish quoted at 181.

Spelter.—Our market remains in much about the same position as for several weeks past, so far as the disposition of holders is concerned. There was as much disinclination to sell at 15l. 10s. as there appears to be at 171, per ton. Whether the firmness of sellers will continue, able them to obtain still higher prices, has yet to be proved; but if the pre-sent rates will not induce the Germans to sell, then the market must incvitably rise higher than it has at present reached—in favour of which the raw material has risen. A strong demand exists for France, and the rates paid in Hamburg and Stettin bring prices here up to 181. 5s.; of course, f this metal cannot be replaced in our market under so great a difference it is not likely that importers will realise; but, on the other hand, should this French enquiry suddenly cease, the speculative feeling by which it is accompanied would very soon evaporate, and down would come prices with astonishing rapidity—perhaps faster than they have run up. Our market has reached a point which requires buyers to be cautious.

Thy Excellish has been related this day 31 per ton. Straits sold in it is not likely that impo

TIN.—English has been reduced this day 3t, per ton. Straits sold in everal places at 111t, previous to the fall, and is not worth so much by cos. per ton. Banca, nominal, 113t, to 114t.

TIN-PLATES.—IC coke can be bought freely at 21s, 6d.

STEEL.-Sellers of Swedish keg at 141. 10s

New York, July 26 .- During the past month there has been a better feeling in business circles, and although speculation is checked during the last few days by the repulse of the United States forces, higher prices are

fully maintained. There are as yet no reliable advices in regard to the Tariff Bill now pending before Congress.

Tin: There has been a good demand, and with but few sellers prices Tin: There has been a good demand, and with but few sellers prices have gradually advanced. The saics embrace 600 slabs Straits at 23 c., 500 slabs at 24 c., 100 slabs Malacca at 25 c., and 700 to 800 slabs Straits at 23 c., 500 slabs at 24 c., 100 slabs Malacca at 25 c., and 700 to 800 slabs Straits at 25 c., 26 %c. The importations have been 7200 slabs Straits. We estimate the stocks at 7000 slabs Banca (1800 from China), and 37,530 slabs Straits, at Boston and New York, equal to 44,530 slabs, with no shipments on the way from Europe or the East Indies. Of the Straits the bulk is not offered for sale for the present, as its cost is far above to-day's value, and holders look for a material rise with the first revival of consumption. The latter has been very small for the last few months, and the following statement shows deliveries of only 3500 slabs a month. Neither dealers nor manufacturers, however, have any supply of consequence. The stocks on April 1 amounted to 42,800 slabs, imported since that date 16,820 slabs, equal to 59,820 slabs; exported 1300 slabs, slows 44,530 slabs, equal to 45,300 slabs a month in 1860. The advices from Holland and the East Indies, as well as the proposed duty of 5 or 10 per cent., ad valorem, contribute to give confidence to holders. Although there were few orders from France and England, and none from the United States, the public sale at Amsterdam went off with great spirit at 69 fl., and the immediate deliveries were large. The ceneral impression seemed to be that this figure is moderate, and that even under present circumstances the article will prove a safe investment. The London market has not responded to the advance obtained in Amsterdam immediately after the sale; and the tin-plate trade is represented as very discouraging.

not responded to the advance obtained in Amsterdam immensately activities. The tin-plate trade is represented as very discouraging.

Speiter: The consumption is entirely confined to the domestic article, which is of a quality superior to the best imported, and is sold at present at $4\frac{1}{2}c$, cash. The duty of 1c. per lb. will facilitate the introduction of this kind into general use, and, we think, curtail the demand for foreign. We quote Silesian $4\frac{1}{2}c$, with but trifling transactions. Stock 2109 tons.

Copper has nuclearone a very heavy decline under the nuclearonable advices from Eucoper law.

Stock 2100 tons.

Copper has undergone a very heavy decline under the unfavourable advices from Europe, and the desire to sell part of the large receipts. Lake Superior has been sold as low as 1736, c. to 1746, c., at which prices 700,000 to 800,000 lbs. have been sold, both for export and home use. During the last ten days the arrivals have been moderate, and holders are less anxious to push sales. We quote 1746, c. to 18c. The Baltimore smelters continue to work short time. The manufacturers do as yet very little business; and although the large quantities shipped from here have apparently for the present unsettled all the European markets, the greater part of our supplies will, no doubt, find its way to Europe. Our prices will necessarily be guided by the English quotations, and the more or less favourable state of our foreign exchanges. The exports since our last have been as follows:—From New York to Havre, 467,000 lbs.; England, 220,000 lbs.; Antwerp, 72,000 lbs.; Rotterdam, 116,000 lbs. =1,117,000 lbs.; Hamburg, 220,000 lbs. =1,117,000 lbs. Total exports since Jan. 1, 6,822,000 lbs.; from New York; and 3,644,000 lbs. 282,000 lbs. Trom Baltimore.

m Baltimore. Lead: The domestic article has improved in price. Missouri is quoted \$5; galena, 20. The market for foreign is entirely nominal, holders having withdrawn their cks. A duty of 1½ c. per ib. is proposed in the new bill.—WINTERHOFF AND Co.

COAL MARKET.—On Monday, only 37 ships reached market, which was dull for house coals, at a reduction of 6d. per ton in prices. Hartley's and manufacturers' steady, at fully previous value. Best house coals, 18s. 6d. to 19s.; seconds, 16s. to 17s.; Hartley's, 15s. 6d. to 16s. 6d.; manufacturers', 12s. 6d. to 14s. 6d. Wednesday: 16 arrivals. The tone of the market for house coal was dull, but without alteration in prices. Hartley's rather dearer; manufacturers' dull, and unaltered in value.—Friday: The arrival of 103 fresh ships caused a busy market, and house coals were freely taken at fully Wednesday's prices. Hartley's and manufacturer's were also in fair request, at steady prices. Hetton Wallsend, 19s.; South Hetton Wallsend, 19s.; Haswell Wallsend, 18s. 9d.; Eden Main, 17s.; Bel mont Wallsend, 16s.; Bell's Wallsend, 16s.; Hartley's, 15s. 6d.-to 16s. 6d.; manufacturers', 12s. 6d. to 14s. 6d.—18 cargoes unsold, 120 ships at sea.

The importation of coals into London by sea in the month of July was

922 ships, containing 290,918 tons, being a decrease on the corresponding month in 1860 of 6662 tons.—The importation of coals into London by railways and canals in the month of July was 121,421 tons, being an increase on the corresponding month in 1860 of 29,982 tons.

After such a long period of depression it is gratifying to observe that, although there has not been any very large amount of business transacted, there is a decided improvement in the tone of the Mining Marker, and more enquiries for shares. It looks, in fact, as though a reaction for the better were setting in, and we hope it may prove lasting and beneficial. The fine weather in the early part of this week enabled the farmers to get a large quantity of corn-housed in good order, and the prospect of the harvest altogether is very favourable. This, with an easier money market, and a rise in the standard of copper ore would, in ordinary times, have created excitement in the market, but if we do not get this, we hope to see a steady and progressive improvement. The chief business since our last has been in Marke Valley, Tolvadden, Herodsfoot, Great South Tolgus, South Condurrow, East Grenville, Unity, Great Retallack, Old Tolgus, South Condurrow, East Grenville, Unity, Great Retallack, Old Tolgus, South Condurrow, New Treleigh, North Downs, West Polmear, &c. Alfred Consols, 1½ to 1½; Bryn Gwiog, 27 to 29; Calvadnack, 6½ to 7½; Cagn Brea, 65 to 70. Condurrow shares have further advanced to 55, 60; 0%% Kitchen, 26 to 27; Copper Hill, 90 to 95; East Devon, 1½ to 2; Bast Basset, 74 to 76. Great Wheal Fortune, 10½ to 11; at the meeting the accounts showed a profit of 932% 5s. 1d. in the quarter, and a dividend of 10s. per share was declared, leaving 527%. 19s. 11d. in hand. The general prospects of the mine are described as good, and when the stamping power is increased, late sales of tin will be fully maintained. The sales for the past quarter realised 5432%. 63. 8d. East Caradon shares have been firm, though we understand the western end is not looking so well, shares leave off 23½ to 2½. East Cara Brea, 6½ to 7. Great Crimis, 1½ to 1½; the lode in the 100 west is still improving, composed of congenial spar and rich copper ore, presenting every appearance of being near a deposit of ore. Some interest attaches to the After such a long period of depression it is gratifying to observe that, although there has not been any very large amount of business transacted, there is a decided improvement in the tone of the MINING MARKET, and

fall in the standard had affected the sales to the extent of 1504. The mine is looking better for copper, and for the present two months about 200 tons of copper ore will be sampled. Rosewall Hill and Ransom, 20s. to 22s. 6d.; Sortridge Consols, 11s. 6d. to 12s. 6d.; South Caradon, 295 to 305; South Caradon Hooper, 12s. 6d. to 17s. 6d.; South Condurrow, 11s. to 13s., and in request; South Frances, 110 to 120; Stray Park, 29 to 31. Old Tolgus United, 14 to 15; the 52 is worth 1 ton per fm., and is again improving; in the 42 the lode is 24 feet wide, producing rich copper ore and congenial spar. Cuddra, 30s. to 35s.; the leader in the 60, west of Walker's shaft, is still worth 15 cwts. of tin per 100 sacks, or about 50s. per fm.; the entire lode being from 6 to 8 feet wide. Wheal Norris. west of Walker's shaft, is still worth 15 cwts. of tin per 100 sacks, or about 50ℓ, per fm.; the entire lode being from 6 to 8 feet wide. Wheal Norris, 37s. 6ℓ. to 40s.; the prospects continue very cheering, and a good demand for the shares. Tincroft, 5½ to 5½; West Bryn Gwiog, 30. West Caradon continue flat at 40 to 42. Wheal Buller, 85 to 95. Herodsfoot have not been quite so firm, and leave off 33½ to 3½; the mine sold on the 3d inst., 80 tons silver-lead ore, at 24ℓ. 7s. 6d. per ton. Wheal Clifford, 140 to 150; Wheal Ludcott, 2½ to 2½; Wheal Margaret, 39 to 41; Wheal Mary Ann, 8½ to 9½; Wheal Moyle, 1½ to 2; Wheal Trelawny, 13 to 14. Wheal Uny, 4 to 4½; the lode in the No. 2 shaft is reported worth 1 ton of ore per fm., and promising further improvement. Wheal Grenville became indemand on Wednesday, and leave off 1½ to 1½; in stripping down the side of the flat-rod shaft, on East Grenville lode, another part of the lode, nearly 2 feet wide, has been discovered, equally as good as East Grenville lode, has reached the elvan to the south of the lode. Wheal Seton, 55 to 60; New Treleigh, 32s. 6d. to 35s.; in the 80, cast of Carr's Seton, 55 to 60; New Treleigh, 32s. 6d. to 35s.; in the 80, east of Carr's cagine-shaft, the lode is 5 feet wide, worth for copper ore 3 tons per fm.; the winze below the 70 is worth 2 tons per fm.; and the 70 west, 2 tons. the winze below the 70 is worth 2 tons per fm.; and the 70 west, 2 tons. Great Retallack, 19s. to 21s., and in request; the indications for lead are still favourable, both at the shaft and in the 35, and many hundreds of tons of blende are being laid open, and which will be taken away very cheaply when the price of that metal improves. Merllyn, 15s. to 20s.; the 20 east, on the new lode, is approaching the north and south lode, and the ground has undergone a very favourable change. It is expected that in 3 or 4 yards the lode will be met with. Wheal Unity, 20s. to 22s. 6d.; at the meeting, on Thursday, the accounts showed copper ores sold, April and June, 688L 0s. 8d., and a cash balance in hand of 75L 6s. The statement or assets and liabilities, charging the latter up to the end of June. and June, 688%, 0s. 3d., and a cash balance in hand of 75%. 6s. The statement or assets and liabilities, charging the latter up to the end of June, without crediting 56 tons of ore sold on the day of meeting for 454%, showed liabilities, 923%. 18s. 1d.; deducting the ore sold, makes the actual liabilities 469%. 18s. 1d., and a call of 2s. 6d. per share was made. The 75 cross-cut is being driven by eight men, to cut the lode west of cross-course. This point, which is one of great interest, may be met with in a few days, and there is every indication so far of meeting with a good lode. The ores lately sold have come chiefly from the discovery in the 65, east of the cross-course, and towards which the 75 fm. level is now approaching; and whereas the ores formerly realised 3% and 4% per ton, it will be seen the present sale averages 8%. 2s. per ton, showing the great increase in the quality of the ore. Devon Great Consols, 345 to 355; West Basset, 15 to 17.

Wheal Basset, 75 to 80; at the meeting on Tuesday, the accounts showed a profit of 1286%. 5s. 7d. on the two months, and a dividend of 2% per share (1024%) declared, leaving 1441% os. 11d. in hand. The pitches throughout the mine are still producing fair quantities of copper and tin; and in the cross-cent driving south from Carvic above in the 10% of the late of the content of the con

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tley's The freely were per snare (1024.) declared, leaving 1441. 0s. 11d. in hand. The pitches throughout the mine are still producing fair quantities of copper and tin; and in the cross-cut driving south from Carnkie shaft, in the 100, to intersect the south lode, the ground is letting out water freely, and from which it is expected the lode may be cut daily. Botallack, 160 to 170. Tolvadden shares advanced to 3\frac{1}{2}, 3\frac{1}{2}\text{ buyers, and leave off 2\frac{1}{2}, 3\frac{1}{2}; about a month ago these shares, we believe, were about 5s, per share, and the great rise shows the folly of sacrificing shares at nominal prices when the prospects of the mines are good. West Rose Down, 15 to 17. Pendeen, 5; the ore sold on Thursday for 1095\frac{1}{2}\text{ Ss. 4d.} East Grenville shares kept firm, at 40s. to 41s., till Friday, when they declined, and leave off 37s. to 39s. No report has been received at the office, or made public, of any change in this mine. change in this mine.

change in this mine.

On the Stock Exchange a considerable amount of business has been transacted in Mining Shares during the week. The following prices are efficially recorded ir British Mining Shares:—Grenville, 1½; North Downs, 5; North Wheal Basset, 2½, 2½, 3½; Wheal Edward, 1½; Devon Great Consols, 355, 352½; Sortridge, ½; Tincroft, 5½; East Caradon, 24½; Providence, 3½; Great South Tolgus, 3½; Herodsfoot, 3½; Alfred Consols, 1½, 1½; Wheal Trelawny, 13½. In Colonial Mining Shares the prices were:—Australian, 1, 1½, 1½; Bon Accord, 1½, 1½; Dun Mountain, ½; Great Northern Copper of South Australia, 1½, 1½. In Foreign Mining Shares the prices were:—United Mexican, 4½, 4½, 4½; Copiapo, 37, 37½; St. John del Rey, 35½.

There has been a demand "outside" during the week for Great Northern, Cobre, St. John del Rey, Port Phillip, and Mariquita shares, St. John del Rey and Cobre shares having slightly advanced in price, the former laying off 35, 35\frac{1}{2}\$. United Mexican still droop, and leave off 4\frac{1}{4}\$, 4\frac{1}{2}\$. The Worthing directors have published their report for the coming meet-

ing, from which it appears that they only require more dressing power to bring the mine into a paying state. The capital is, however, fully called up, and it is now proposed to issue the balance as preference stock. The land on lease must, in the course of events, become of considerable consequence to the company. Dun Mountain shares quiet, at 17s., 18s.; Linares, 6\frac{1}{6}, \frac{1}{6}; Bon Accord, 1\frac{1}{6}, 1\frac{1}{6}; Port Phillip, 20s., 21s.; Australian, 1, 1\frac{1}{4}; Labana Coal, 24, 28, premium

6\(\frac{\pi}{6}\), \(\frac{\pi}{6}\), \(\frac{\pi}{6}\), \(\frac{\pi}{6}\), \(\frac{\pi}{6}\), \(\frac{\pi}{6}\), \(\frac{\pi}{6}\), \(\frac{\pi}{6}\), \(\frac{\pi}{6}\), \(\frac{\pi}{6}\), \(\frac{\pi}{6}\) remin.

The closing quotations for shares in new undertakings were as follows:

—Ocean Marine Insurance, 4\(\frac{\pi}{6}\), 4\(\pi\) prem.; Thames and Mersey Marine,
13-16ths, 15-16ths prem.; Universal Marine Insurance, \(\frac{\pi}{6}\), \(\frac{\pi}{6}\) dis.; London
and Provincial Marine, \(\frac{\pi}{6}\) dis.; Oriental and General Marine, \(\frac{\pi}{6}\), \(\frac{\pi}{6}\) prem.; Mercantile Fire, 11-16ths, 13-16ths prem.

At Redruth Ticketing, on Thursday, 3015 tons of ore were sold, realising 16,560k. 11s. 6d. The particulars of the sale were—Average standard, 123k. 13s.; average produce, $6\frac{1}{6}$; average price per ton, 5k. 10s.; quantity of fine copper, 200 tons 18 cwts. The following are the particulars:—

Dat	te.	Tons.		Stan	dard	1.	P	rodu	ce.	Price	per	to	m.	Ore c	opp	er
July	11	2898	*****	£119	16	0		634		.£5	5	0		£79	0	-
**	18	5096		121	18	0		636		. 4	15	0		. 77	4	-
**	25	3303		121	7	0		616		. 5	2	0		. 78	16	- (
Aug.	1	8778		124	2	0		6		. 4	14	6		. 78	10	1
22	8	3015	*****	123	13	0		636	****	. 5	10	0		. 82	8	-
	pared w															

2l. 13s., and in the price per ton of ore about 3s. 6d. Compared with the corresponding sale of last month, the advance has been in the standard 3l. 8s., and in the price per ton of ore about 4s. 6d.

At the Wheal Basset meeting, on Tuesday, the accounts showed—Balance last audit, 1178. 15s. 4d.; ores sold (less dues), 3987. 17s. 11d.=51661. 13s. 3d.—Mine cost, May and June, 2023. 9s. 1d.; merchants bills, 671. 8s. 11d.; stannaries Court assessment, 6f. 14s. 4d.: leaving credit balance, 2463. 11s. Upon the two months' working there was a profit of 1286f. 5s. 7d. A dividend of 1024r. (2f. per share) was declared, and a balance of 1141f. 11s. The agents' report stated that the pitches throughout the mine were still producing fair quantities of copper and tin. Glesler's lode was expected to be interaceted in the next two months by cross-cuts in the 100 and 60 fm. levels from great lode. Williams's south lode was expected to be cut by the 110 crosscut daily. Also in the 100 cross-cut from Carnkie shaft they expected daily to intersect the south lode. At the Wheal Basset meeting, on Tuesday, the accounts showed-Ba-

At Craddock Moor Mine meeting, on July 31 (Mr. Alex. Fitzgerald in the chair), the accounts for March and April showed—Balance last audit, 1254. 15s. 7d.; copper ore sold and carriage, 23791. 9s. 5d. = 3634l. 5s. —Mine cost, merchants' bills, and sundrics, 2099. 1.2s. 6d.; May.dividend, 263l. 15s. : leaving credit balance, 1290l. 17s. 6d. The profit on the two months' working was 289l. 16s. 11d. A dividend of 263l. 15s. (5s. per share) was declared, and 1017l. 2s. 6d. carried to credit of next account. Capts. H. and J. Tajor and H. Phillips reported that the sales for the next two months will be about 290 tons of good quality copper ore.

about 290 tons of good quality copper ore.

At the South Wheal Seton meeting, on Thursday, the accounts for the four months anding June showed—Balance last audit, 5411, 58, 7d.; mine cost, 4861, 88, 1d.; merchants' bills, 2891, 168, 3d.=12671, 98, 11d.—Calls received, 12001.; old iron sold, 17.; leaving debit balance, 661, 98, 11d. A call of 11, 10s, per share was made. Captains Bath and Higgins reported that they have been costeaning for the North Roskear lodes, which run into the sett, and find excellent indications for good lodes.

At Gonamena Mine meeting, on July 30, the accounts for March and April showed—Mine cost, merchants' bills, and sundries, 13681, 128, 94.—Balance last audit, 71, 188, 1d.; copper ore sold, 10944, 198, 11d.; tin sold, 531, 148, 3d.; arsenic sold, 431.; leaving debit balance, 2561, 08, 6d. Capts, Pascee and George, jun., reported upon the various points of operation—"Our stopes and pitches throughout the mine are producing the usual quantity of copper ore, but from the quality not being so good, and the great depression in the standard, our sale for the past two months has not realised the amount we expected by over 1501.; this, with the heavy merchants' bills charged for how against the unine."

At the Timeroff Mine special meeting on Thursday (Mr. Turic in the new Standard, our Timeroff Mine special meeting on Thursday (Mr. Turic in the

now against the mine."

At the Tincroft Mine special meeting, on Thursday (Mr. Tyrie in the chair), convened for the purpose of obtaining the feeling of shareholders upon the desirability of placing the company under the Cost-book System, it was unanimously decided that the question be not further proceeded with at this time. Details appear in

another column.

At the North Providence Mine meeting, on Aug. 3 (Mr. J. A. Morgan, F.G.S., in the chair), it was resolved that the company be dissolved forthwith. Details

pear in another column.

At the Wheal Unity Consols Mine meeting, on Thursday (Mr. J. Y.

At the North Providence Mine meeting, on Aug. 3 (Mr. J. A. Morgan, F.G.S., in the chalr), it was resolved that the company be dissolved forthwith. Details appear in another column.

At the Wheal Unity Consols Mine meeting, on Thursday (Mr. J. Y. Watson, F.G.S., in the chair), the accounts showed a baiance of liabilities over assets of 473′. A cali of 2s. 6d. per share was made. Details in another column.

At the River Tamar Copper Mine meeting, on Tuesday (Mr. Smee, F.R.S., in the chair), the accounts showed a cash balance in hand of 350′. 2s. 8d. The remaining all of 2s. 6d. per share will be made in a few days. Details elsewhere.

At the Central Minera Mining Company meeting, on Tuesday (Mr. R. J. Butjer in the chair), the accounts showed a credit balance of 10s., and a balance due to the bankers of 123′. 12s. 9d. Details in another column.

At the Wheal Kitty (St. Agnes) meeting, on Thursday, the accounts showed—Balance the last audit, 110′2t. 2s., March mine cost, merchants' bilis, &c. 700′. 11s. 2d., April, 741′. 11s. 3d.; salaries, discount, &c., 45′. 4s. 4d.—374′. 19s. 7d.—Ore sold, 1121′. 4s. 3d.; Call, 625′.; leaving debit balance, 1628′. 15s. 4d. A call of 4s. per share was made. The agents' report stated that should the prospects continue to improve as they had for the past two months they believed that in a short time they should bring the mine again into a paying state.

At the Penhalls Mine meeting, on Thursday, the accounts showed—March mine cost, merchants' bilis, &c., 457′. 4s. 5d.; April, 491′. 4s. 10d.; May cost, 422′. 0s. 16′.; salaries and soudries, 23′. 16s. 6d.—1440′. 5s. 10d.—Balance last audit. 42′. 18s. 1d.; ore sold, 1253′. fs. 2d. 7. teaving debit balance, 153′. 5s. 7d. The loss upon the three months was 195′. 18s. 8d. The report of the agents stated that the coming in of the lose in the eagin-shaft was the month of the lose of 20°. 14s. 10d. 4s. 10d.

At the Copiapo Mining Company (special) meeting, yesterday (Mr. J.

At the Werthing Mining Company meeting, to be held on Monday, the accounts for the twelve months ending June 30, will show—Balance last andit, 4763. 8s. 9d.; calls received, 47154. 5s.; ore sold, 37114. 14s. 2d.; sundries, 26f. 15s. 3d.; advances received on promissory notes, 30004. =11,3930. 3s. 2d.—Mine costs, 39334. 19s. 4d.; promissory notes repaid, 20004.; office expenses and interest, 4994. 19s. 6d.; leaving credit balance, 4964. 4s. 4d. The directors report that considerable reserves of ore have been laid open, and the ends and winzes continue to produce large quantities of ore of good quality. Captain Tonkin has been appointed in the room of Captain Remfrey, paralysed. The reserves of the mine are very large, and the manager states that he can now ralse any quantity that their furnaces can reduce; in fact, the agent is only limited by the want of a sufficient number of furnaces.

can now raise any quantity that their furnaces can reduce; in fact, the agent is only limited by the want of a sufficient number of furnaces.

At the Railway Rolling Stock Company general meeting, the report of the directors congratulated the shareholders on the prosperity of the company. A considerable increase had taken place in the receipts, and although the amount to be paid in dividend was somewhat larger than heretofore, yet the amount to be carried to the reserve fund was likewise large. The profits of the half-year were about 4736L, which would allow of the usual dividend, at the rate of 3 per cent. per annum, on the ordinary shares, and 6 per cent. per annum on the 6 per cent. per energe shares, all free of income tax. The reserve fund amounts to 3840L: 44 wagons had been added to the company stock in the past half-year, making the total number 1870. After an experience of eight years the directors congratulated the shareholders that the original calculations of the company were sound; and they had reason to conclude that the future operations of the company were sound; and they had reason to conclude that the future operations of the company were sound; and they had reason to conclude that the future operations of the company were sound; and they had reason to conclude that the future operations of the company where sound; and they had reason to conclude that the future operations of the company when the experiment of the company would be equally satisfactory and profitable. Next Christmas the profits would justify a division at the rate of 9 per cent., and at the following Christmas 10 per cent. might be calculated upon.

The Birmingham Wagon Company directors have made a call of 12. per share on their New Six Per Cent. Preference Stock.

The Gloucester Wagon Company is also progressing very satisfactorily. The directors have declared a dividend at the rate of 8 per cent. per annum for the half-year ending June 30; and as their increasing business involves the employment of larger capital, they conte

ents will necessitate their so doing. After payment of dividends, and making every

LEEDS, Aug. 8.—In Mining Shares buyers have acted with caution, and the dealings have been limited; in most descriptions of stock prices have had a downard tendency.—Brea Consols, 17s. to 20s.; Cornubia, 15s. to 18s.; Craven Moor, 3s. 4s.; Merryfield, 4s. 6t. to 5s. 6d.; Nidderdale, par to preem.; North Hallenbeagle, 5s. to 25s. Wensieydale, 7s. to 7s. 6d.—John Gledhill And Co.

The New Llandilo Lead and Zinc Mines are about to be worked by a cost-book company, with a capital of 50001. The mine is in a well-known mineral dis-trict, and has been favourably reported upon by Mr. John A. Phillips, and Capts. Evans, Waters, Kenrick, and Redge. The lease is equal to 24 years, at 1-18th dues, and the Liandilo Railway Station is within 100 yards of the mine.

Liandilo Railway Station is within 100 yards of the mine.

The Metropolitan and Provincial Bank has just been constituted under the Limited Liability Act, with a capital of 1,000,000t, in 100t, shares, and with a powerful direction. Of the 1,000,000t, there will be only one-fourth called at present, and it is thought the three-fourths thus remaining to be called for, if required, will form an ample guarantee to the bank's customers. The directors promise that they "will secure the services of the most able and experienced manager that can be obtained;" also that "in addition to the periodical audit by the auditors appointed by the shareholders, the professional auditors will make complete and continuous examinations of the accounts of the bank, and report thereon to the directors once in each month." We shall next week refer more fully to its prospects.

The directors of the National Company for Boat Building by Machinery

The directors of the National Company for Boat Building by Machinery The directors of the National Company for Boat Building by Machinery having in terms of their circular addressed to the shareholders, dated July 23, resolved to limit their first issue of stock to 70,000l.; and this having been in all respects approved by them, have this day allotted the shares. The directors have satisfied themselves that with this capital the operations of the company can be most efficiently and advantageously carried on, and have stated their intention to issue further capital when required amongst the holders at the time being. We understand arrangements are being made by which the business of the company may be expected shortly to commence.

heing made by which the obtainess of the company may be expected shortly to commence. Australia.—The screw steam-ship Great Britain, Gray commander, from Melbourne, on May 30, arrived at Liverpool on Monday, after a passage of 65 days, she had 540 passages, and 82,195 cas. (328,0001.) gold on freight. The mail steamer Benares had cleared at Melbourne for Point de Galle on May 25, with 48,825 cas. of gold. The Legislative Council of Melbourne had appropriated 75,0001, for the supply of water to the gold fields. The Bendigo Advertiser reports that the quantity of gold sent to Melbourne by escort had been decreasing to an alarming extent for a few weeks; it attributes the falling off to one of the temporary lulis incidental to gold mining.

BOTTLE HILL.—During the dry spring months the water here was very cort, and the stamps could not work more than half duty, but of late the water has inshort, and the stamps could not work more than half duty, but of late the water has in-creased. In the months of June and July tin cres were sold for 634. 8s. 4d., and if the water supply continues the agent calculates on selling about 17 tons in six or seven weeks.

	LEAD	ORE	э.		
	Sold on the				
Mines.	Tons.	Price	per	ton	Purchasers.
East Logylas	65	£11	3	0	 Panther Co.
Glogfach	50	14	10	0	 Sims, Willyams, & Co.
Cwmystwith	60	11	9	0	 ditto
ditto	60	11	3	0	 ditto
	Sold on the	7th Au	cust		
Wheal Wrey Consols	45	14	17	6	 Sims, Willyams, & Co.
	Sold on the	8th Aus	rust		
Maesyrerwddu	551/6 .	12	2	6	 Walker, Parker, & Co.
Coetia Llys	61	12	2	0	 Adam Eyton,
Deep Level			10	0	
Speedwell			7	6	 Walker, Parker, & Co.
Rhosesmor			19	0	 ditto
Orsedd			6	0	 ditto
Parys			15	0	 Adam Eyton.
Lady Eleanor			18	0	 ditto
Bryn Gwiog	22	11	13	6	 Walker, Parker, & Co.
Tymaen			12	0	 ditto
Talacre			0	0	 Adam Eyton.
West Merllyn	10	12	10	6	 Walker, Parker, & Co.
Roman Gravels	20	11	14	0	 ditto
Dyfngwm			15	6	 Adam Eyton.
701	9.0	3.1	0		Alexa

BLACK TIN.

 Mines.
 Tons c. q. lbs.
 Price per ton.
 Amount.
 Purchas

 Garlidna
 8
 8
 3
 14
 ... £69
 10
 0
 ... £56
 16
 9-Bissoc Co.

 ditto
 2
 6
 2
 15
 ... 59
 10
 0
 ... 138
 14
 8 ditto
 Purchasers.

COPPER ORES.

Sampled July 24, and sold at Tabb's Hotel, Redruth, Aug. 8,

Mines.	Tons	Pri	ice.		Mines.	Cons	Pr	ice.	
West Basset	75	 £1	8	0	Pendeen Consols	75	 £3	19	0
ditto	74	 6	13	0	ditto	9	 5	5	0
ditto	73	 5	13	0	ditto	- 5	 20	1	6
ditto	66	 4	9	0	Great South Tolges	47	 7	14	6
ditto	65	 4	5	0	ditto	45	 7	15	0
ditto	44	 5	11	0	ditto	37	 7	3	6
ditto	43	 4	5	6	ditto	26	 9	12	0
ditto	35	 4	2	0	United Mines	70	 3	4	0
ditto	15	 16	10	6	ditto	60	 2	2	0
Carn Brea .	114	 0	3	6	Treloweth	41	 7	12	6
ditto	61	 2	13	6	ditto	32	 5	14	6
ditto	52	 7	0	6	ditto	24	 10	16	0
ditto	49	 4	4	6	ditto	20	 0	6	0
ditto	47	 3	11	6	ditto	8	 19	12	6
ditto	43	 7	5	0	East Alfred Consols	64	 3	17	0
ditto	87	 4	15	6	ditto	57	 4	2	0
Great Whea	l Altred 69	 2	15	0	Charlotte United	43	 8	4	0
ditto	62	 2	12	6	ditto	42	 7	13	6
ditto	40	 10	11	0	ditto	29	 5	5	6
ditto	38	 4	13	0	Rosewarne United	58	 6	9	6
ditto	37	 3	18	6	ditto	54	 10	11	0
ditto	36	 8	0	0	Wheal Buller	45	 10	5	6
ditto	18	 2	2	6	ditto		 3	11	6
Levant		 1	19	0	Copper Hill	36	 6	11	6
ditto	73	 8	12	6	ditto	35	 2	0	0
ditto	58	 5	15	6	Wheal Unity Consols	20	 3	1	0
ditto	38	 5	17	6	ditto	19	 15	1	0
ditto	9	 16	18	6	ditto	17	 6	6	0
Par Consols	81	 7	7	0	West Providence	20	 6	4	0
ditto	80	8	8	0	Rosewarne Consols	17	 7	2	6
ditto	73	11	13	0	Spearn Moor		 7	15	6
ditto	31		12	6	Camborne Consols			15	0
	nsols 83	3	5	0	St. Aubyn and Grylls			14	0
ditto	80	3	14	6	Bosenswell Mines			11	0
2100		 TO	TAT	. p	RODUCE.	-	 -		
		10	LAI	4	MODUCE.				

| TOTAL PRODUCE. | Company | Total Product | T

COMPANIES BY WHOM THE ORES WERE PURCHASED.

	Auns.	AHIO	ши.	
Vivian and Sons	. 3401/4	£2165	3	0
Freeman and Co				
Grenfell and Sons				
Sims, Willyams, and Co	. 5501/6	2955	7	0
Williams, Foster, and Co	. 254	2455	4	6
Mason and Elkington			12	0
F. Bankart				0
Copper Miners' Company	. 7491/4	3676	2	9
Charles Lambert	. 249	361	1	6
Newton, Keates, and Co			14	0
Sweetland and Co	. 158	440	13	6
				_

Total3015 NO SALE on Thursday next, August 15.

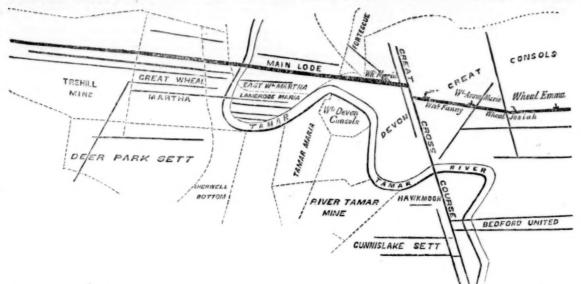
Copper ores for sale on Thursday week, at the Royal Hotel, Truro. — Mines and parcels. —
levon Great Consols 1179—Phonix Mines 634—Marke Valley 393—Wheal Croinrike 343
—East Caradon 280—West Caradon 233—Great Martha 290—Wheal Edward 217—Bedord United 204—North Robert 158—Wheal Emma 147—Wheal Friendship 129—Devon
ad Cornwall 105.—Surviviant forms.

			SE	CO	ND SAI	Æ	IN	I A	UGU	ST								
Year		Tons.	Prod		Amor	int.			Stan	dar	d.	Ore c	opp	er	. 0	ake	cop.	
1851	*******	2775	 714		£13,804	0	0		£102	4	0	 £65	17	0		£84	0	
1852		4113	 7		25,867	19	0		130	4	0	 90	15	0		102	10	
1853	********	3670	 7		21,966	0	0		126	13	0	 - 87	8	0		107	10	
1854	********	5222	 734		37,028	0	6		186	9	0	 98	6	0		126	0	
1855	********	4797	 736		35,401	19	0		142	7	0	 103	17	0		126	0	
1856	*********	4925	 736		31,531	1	6		122	18	0	 86	0	0		107	10	
1857	*********	4598	 632		31,010	14	0		140	8	0	 99	15	0		117	0	
1858	*********	4539	 634		24,496	8	0		126	2	0	 83	11	0		107	10	
1859	********	3799	 636		21,307	11	6		129	18	0	 87	3	0		107	10	
1860	*********	3874	 636		23,558	13	6		127	8	0	 87	14	0		102	10	

The copper in the ore expresses the nett price per ton of copper paid to the miner.

Copper ores for sale at Swansea, August 13.—Cobre 100, 96, 47, 94, 93, 54, 82, 71, 13—Knockmahon 68, 63, 54—Soville 43, 42, 6, 2—Bailycammisk 25, 31, 26—Hunterdon 28 2, 20—Mount Craig 27—Australian Regulus 15—Australian ore 2—Knockmahon 73, 49—Total, 1236 tons.

EXTENSION OF THE DEVON GREAT CONSOLS MINING DISTRICT.



EAST WHEAL MARTHA MINING COMPANY (LIMITED).

Capital £15,000, in 6000 shares of £2 10s. each.

Capital £15,000, in 6000 shares of £2 10s. each.

Capital £15,000, in 6000 shares of £2 10s. each.

Coxceed 5s. per share, and not often than quarterly.

Difference.

GEORGE SEARBY, Esq., Crown-court, Threadneedle-street, London.

EDGAR WILLIAMS YARROW, Esq., 14, Arundel-square, London.

JAMES LANE, Esq., 44, Threadneedle-street, London.

T. C. HAWKINS, Esq., 9, Broad-street, Oxford.

THOS. COOPER SMITH, Esq., Warnford-court, Throgmorton-street.

BAKERS—London and County Bank.

SOLICITOR—Frederick Wm. Snell, Esq., 1, George-street, Mansion House.

CONSULTING AGEST—Capit. Joseph Richards.

SEGRETANY—Mr. E. Evans.

OFFICES—23. MOORGATE STREET, CITY, LONDON, E.C.

OFFICES,-23, MOORGATE STREET, CITY, LONDON, E.C.

OFFICES,—23, MOORGATE STREET, CITY, LONDON, E.C.

The object of this company is to purchase and work the mineral ground lying between the Devon Great Consols and the Great Wheal Martha.

There are few instances of mining where success would appear to be more certain than in this case, as this mine is situate west of the Devon Great Consols, and east of the Great Wheal Martha. The success of the former mine is too well known to the public to require much comment, but it may be stated that it has returned in dividends nearly \$2,000,000, on an original capital of £1024. The Great Wheal Martha Mine is one of the most successful instances of an old mine being reworked, the company having sold in a few months ores to the amount of nearly £3500, and having at the present time about 1000 tons of ore broken and being prepared for sale, while the reserves in the different levels amount to more than 5000 tons, and there is no doubt the mine will soon commence paying good and lasting dividends. All this is the produce of one lode only, which has held continuously from the upper to the lower level, and is now in the bottom level 16 ft. wide, a fine course of ore. This lode is by practical men considered to be a continuation of the Devon Great Consols lode, and as the Leaxt Wheal Martha Mine is situated exactly between the two mines, there cannot be any doubt of this mine having the same lode running through the entire length of the sett, from east to weet; and there is one great fact to be borne in mind, that the further the levels at Great Wheal Martha, are driven east the richer the lode becomes; and as the lode is dipping cast and passes through this property, there can be no doubt of the mine proving as rich as its neighbours. This mine will be dralled to a considerable extent by the Great Wheal Martha, as the levels in that mine approach it eastward, a fact of the greatest importance as regards the

This mine will be drained to a considerable extent by the Great Wheal Martha, as the levels in that mine approach it eastward, a fact of the greatest importance as regards the expenditure and development of the mineral wealth contained in this property. This mine has been worked and a large capital expended by a previous company, but having sunk their shaft down in a valley, where they were inundated with water from the higher ground above them, they were compelled to stop. They had just discovered that they had sunk their shaft too far south to cut the Devon Great Consols lode, which passes through the high ground above, and were making great exertions by driving a level northward to intersect this lode, but want of sufficient steam power, and the shareholders not being inclined to subscribe further, the mine was abandoned.

Arrangements have been made with the present proprietors for the purchase of this property, the proprietors to receive 2500 shares, free of all calls, and £1500 in cash, the latter to be returned to this company by an allowance out of the duce as the orea raised and sold. This return to be made is a fact of importance, proving that the proprietors have every confidence in the mine making large returns, and bringing them in a large revenue.

cation for prospectuses and plans to be made to Mr. E. Evans, 23, Moorgate

Application for prospectuses and plans to be made to late to the property and condon.

The following is a report from Captain Joseph Richards, who, being connected with the underground workings at the Devon Great Consols, must be well acquainted with the run of the lodes and their connection with this property, and quite capable of giving an opinion on the future prospects of this mine:—

Aug. 3, 1861.——I beg to hand you my report on this mine. It is situated directly east and adjoining Great Wheal Martha, where large returns of copper ore are being made, and the Devon Great Consols is in a direct line east of East Wheal Martha, so that this mine may be considered to be in a very first-rate position: the great lode of Wheal Martha may be considered to be in a very first-rate position: the great lode of Wheal Martha must run directly through the sett, as well as several other lodes of very great promise. There have been shafts sunk and levels driven in East Wheal Martha, and although they cannot now be seen until the water is in fork, I am assured that the prospects were such underneath as might be fully expected from the very great and good appearances of the lodes at surface. I am faily justified in highly recommending East Wheal Martha as a mining property of very much more than ordinary value as a speculation, and I am of opinion that those who may invest therein will have no cause to regret it, but, on the contrary, have every reason to congratulate themselves on the advisable selection of this extensive and exceedingly tempting property as an investment, containing as it does the necessary elements of success. In addition to the very firead performed and valuable courses with the containing and valuable courses. ele selection of this extensive and exceedingly tempting property as an investinging as it does the necessary elements of success. In addition to the very tunces of the lodes themselves, there are cross-courses and intersections there of the strength of the selection of the lodes themselves, there are cross-courses and intersections there of the strength of the selection of the

Now ready, price 1s.,

PROGRESS OF MINING I
BEING THE SEVENTEENTH ANNUAL REVIEW

BEING THE SEVENTEENTH ANNUAL REVIEW.

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ryteller," &c.

sectived by the author, Cleveland Cottage, Stokesly, Yorkshire; as at the office of the "Freemasons' Magazine."

Hotices to Correspondents.

LIMITED LIMILITY.—I trust you will excuse me taking up your time and space, but believing that there are many, like myself, who do not understand clearly the Act of
Parliament relating to mining operations generally, is the apology I have to offer for
troubling you. I am one of a few in this locality who have become shareholders in
a "lead and coal mine," which is expected in time to be a very prosperous one; at
present it is not enrolled, and we are rather anxious that it should be, but we do not
understand clearly the Act of Parliament relative to our position. We have purchased
our shares, and paid all up, and are now paying monthly "calls" in addition. What
we wish to learn through the Journal is this:—That supposing the company was a
once to enrol itself according to the Act of Parliament, "limited itability," where could
the limited liability of our case be settled? We have paid for our shares, and are now
paying calls. Would the Act ilmit the power of the directors in calling more than
was necessary to meet the expenses, and in case of infringement give redress to the
shareholders? Does the Act give protection to the shareholders against creditors, and
vice versa? I should feel extremely obliged if you would insort this letter in next
week's Journal, that it may elicit replies from your numerous readers and correspondents.—INQUINER: Aug. 7.

Minice Reports.—"One of the Committee of Great Retallack" has asked why I have

spondents.—Inquirer: Aug. 7.

LIMING REPORTS.—"One of the Committee of Great Retailack" has asked why I have singled it out as the subject of my complaint? I answer, because it is the only mine in which I am interested that adopts such an objectionable course. The agents of Sortridge and Great Martha send their reports on the Wednesday and Thursday previous to the publication of the Journal; and I wish to know why the agent of Great Retailack cannot send his report on the Thursday likewise? I trust we shall no longer see reports a week old. If the committeeman will refer to the Journal of last week he will find that so far from its being the rule to send the reports so as to reach the office on Monday, it is the exception. A large majority send them on the Thursday.

—A SHAREHOLDER.

QUARTZ CRUSHING.—The writer wishes to know the price of Mitchell's Quartz Crushing Machine; also the address of the patentee or maker. If satisfactory, a machine will probably be ordered for Nova Scotia.—A. B.

WENTWORTH .- We believe the last call made by this mine was 11. per shar

on Jan. 21.

Dun Mountain Company—Chromate of Iron—"W."—The so-called chromate of iror is rather a compound of oxides of chromium and of iron. Its chief application is it the manufacture of chromate of potash, which is used in various forms in calico printing and dyeing. Mr. Radolph Auerbach, a shareholder in the Dun Mountain Company, who, it will be recollected, stated at the recent meeting of that company that he could readily sell upon contract between 4000 and 5000 tons per annum, and that any quantity would be readily disposed of at prices that would leave a handsome profit to the company, informs us that for this country the consumption of chromate of iror may be estimated at about 20,000 tons per annum, the value ranging from 8t. to 12t per ton, according to quality, and there is also a large quantity used on the Continent Als Machinery.—A reply to the letter of "Inquirer" by Capt. Matthew Francis will AIR MACHINERY.—A reply to the letter of "Inquirer" by Capt. Matthew Francis will appear in next week's Journal.

appear in next week's Journal.

ROOSHAVEN—A large number of shares have during the week changed hands, he been bought by parties for investment, both in England and in Ireland. It wi well if you record this fact—the latter deserving special attention, as showing the preciation in which the mine is held in the sisterisle. I cannot ask you to prome this as the best of the progressive mines, but under the present management it is in worked with great energy and success, and needs not the pen of the writer to out its merits, the agent's weekly reports being the best reference, and also the sindex to the truthfulness of the foregoing remarks.—ONE INTERESTED.

VHEAL CONCORD.—In answer to your correspondent "C. H.," and others who are making enquiries as to this mine, I have to inform them that every information can be obtained by application at this address—W. S. Trotter, Secretary, I, Great Winchesterstreet, E.C.

RAILWAYS IN BRABIL.—A "Shareholder" calls attention to the fact that Brazilian railway stocks continue duil, although they carry a guarantee of 7 per cent. from a Government second to none in financial reputation. Those of the Bahia line, which is certain
to be successfully finished considerably within the allowed cost, are at ¾ discount on
each 20t, share, while those of the San Paulo, introduced by the Rothschild's, who are
the financial agents of Brazil, are at 2 discount. As there is only 4t, at present paid on
each 20t, share, this is equivalent, for the moment, to half-price. Yet this line, it is
said, is also sure to be finished, not merely within the cost allowed, but some years
within the time specified, while the accounts of the climate and of the prospects of
the traffic seem, from all sources, to be of a very encouraging character. The only explanation offered for such a singuiar state of prices is to the effect that a third line—
the Pernambuco—has been badly managed, and is not likely to be completed without
an expenditure beyond the guaranteed capital, which may reduce the interest from
7 to 6 per cent.; and that the public, not being in the habit of looking at details in
such matters, regard the two other undertakings as if they were in an analogous position.
GREAT BETALLACK.—To "An East Anglian" and others who have addressed us respecting this mine, we may state that we understand orders have been given by the committee for the reports in future to be written on Wednesdays, and we presume that
other mines will, as far as possible, adopt the same plan, that the latest possible information may appear in the Journal of Saturday. RAILWAYS IN BRAZIL .- A "Shareholder" calls attention to the fact that Brazilian rail-

THE MINING JOURNAL Bailway and Commercial Gazette.

LONDON, AUGUST 10, 1861.

LOSS OF LIFE AMONGST CORNISH MINERS-No. VII.

The late Home Secretary, Sir G. C. Lewis, on three occasions all but omised that there should be a Government enquiry as to the causes of and remedies for the excessive fatal disease amongst metal miners, though he would not pledge himself as to when the commission should be issue Last year he appeared to think that the demand for the enquiry should first proceed from those most directly interested. On the 23d ult. he replied that it was a question mainly of time. Possibly when Sir G. C. Lewis gave this answer he considered that it would be better his successor to office, Sir G. Grey, than himself should decide as to the time for the enquiry, for we trust there is no question as to the enquiry itself. Sure we are that if either of these right honourable gentlemen were as strongly impressed as we are with the misery now inflicted and endured in mining, short time would elapse before the remedy was sought for and applied. Let us just imagine any man being informed, upon as trustworthy evidence as we have adduced in this case, that the dormitories of the school at which his sons were being educated were so badly ventilated that many of the boys were ill, some had died, and all were in danger, how many days or hours would be allowed to pass before enquiry was made whether the statement were true or not? How prompt would be the steps taken if it were found to be true! Of course, we do not expect a minister acting for the public to be as decisive as a man acting for his own family; but is there any good reason for a long postponement of an enquiry three times acknowledged to be needed, and to which no one has offered the slightest opposition?

It may, indeed, be said that those immediately concerned do not desire an enquiry, and possibly enough some whose shortsomings may be exposed by it do not. But that such an enquiry (for be it observed no actual interference with mining is proposed) would not be either threatening to mining interests, or unacceptable to most of those concerned in mining, may be safely assumed from the fact that we have, in these columns of the office, Sir G. Grey, than himself should decide as to the time for the

chief organ of those interests, earnestly urged the necessity for a Governenter organ or those interests, earnestly urged the necessity for a Government enquiry, and no remonstrance against the course we have felt it our duty to pursue has been offered. Though those who are fully cognisant of the evils may not take an active part in promoting an enquiry themselves, they do not wish to oppose the efforts of others. He must indeed have a forehead of brass who, knowing the miseries which mining as now conducted produces, would dare to say it is not the imperative duty of the Government to ascertain whether those miseries are in fact inevitable. Government to ascertain whether those miseries are in fact inevitable, and if not, how they may best be avoided or diminished? There may be and are those who are opposed to any actual interference with the management of mines, and very naturally, but that is not the present proposition. All that we ask for is an enquiry to ascertain what ought to be done. We do not consider that the necessity for Government interference has yet been proved, and nothing but necessity can justify it. Mines has yet been proved, and nothing but necessity can justify it. Miners, both employers and men, are free agents, and have a right to carry on their business in whatever manner they please, provided it be so carried on as business in whatever manner they piease, provided in or so carried on as not to be injurious to others, or oppressive to any. The question is, are mining operations now so conducted as to be so importantly injurious to national interests and reputation for humanity? Are there evils connected with mining to permit which to continue would be disgraceful to us as a national interests and reputation for humanity? Are there evils connected with mining to permit which to continue would be disgraceful to us as a Christian people, and would those evils be put in process of remedy if their existence were fully exposed, and proof of their being susceptible of remedy publicly given? We answer all these questions in the affirmatival and reply that that which destroys the health of a large class of our industrious fellow-countrymen—shortens their lives on the average by nine years each—more than doubles the proportion of those who are incapacitated from work by illness—reduces their working abilities by a third—makes numbers of wives widows, and children orphans—is a matter not merely of local but of national importance, and it will be a national disgrace if we neglect to enquire whether or not the allegation be true—that these tremendous evils are not inevitable. For our part, we have not the slightest doubt that they may be mitigated, and that they will be if the signorance from which they spring can be removed, and the indifference with which the sufferings they occasion are often regarded is effectually aroused. Whether the Government enquiry we advocate will suffice alone to do this remains to be seen; that it will do much is certain; that it will do all that ought at first to be attempted is the opinion of many whose opinions we hold in high respect. Others, among whom is an esteemed contemporary in Cornwall, hold that metal mines ought to be placed under the same systematic and permanent inspection as coal mines, and regulations for the protection of the men working in them enforced by law. There are great difficulties in this, and we doubt the expediency of attempting more than inspection without coersion, and contend that no attempt at compelling the observance of precaution should be made until all other means have been tried and failed. Nay, we are not prepared to recommend a system of permanent inspection; even all we now ask for is an authoritative enquiry, simply leav

thoritative enquiry, simply leaving all subsequent questions to be determined by the result.

We have great faith in the efficacy of authoritative enquiry, with publication of the results in such cases, for often more real improvement is thus effected than by positive legislation. The course of sanitary improvement as striking instance of this. It is about twenty years ago that public attention became strongly called to the existence, among crowded populations especially, of causes of disease, productive of intense and extensive misery and loss of life, but capable of removal or mitigation. Much has since been done in remedy by improvements and additions to the law, but ten times more benefit has resulted from the proof given by various Government enquiries, particularly those by the Health of Towns Commissioners and by the General Board of Health, that there was a great loss of life, health, and comfort which might be, and, therefore, ought to be, prevented. Intelligence was enlightened, feeling excited, and conscience aroused by the exposure of discomforts and losses needlessly submitted to, miseries needlessly endured and wrongfully inflicted. A strong determination that the evils exposed should be removed, or at least diminished rapidly, grew up, and the world has probably never seen any improvement proceed so quickly and so surely as that of the public health. One chief reason why we do not always perceive the full value of what we have gained is, perhaps, the best sign of all; we have acquired a high standard of perfection, and have learnt to be intolerant of evils which a short time ago would have passed almost unnoticed. Can it be doubted that a like happy result would follow a public exposure of the evils from which miners surfer? If that which is now known to the enquiring few became the active faith of all, and especially if all mine managers not only knew but knew that everybody knew that the excessive destruction of life amongst miners was the result not chiefly of an unfortunate choice of employme important of their duties? Still more certain would be the effect if it were proved, as it would be proved, that an enormous waste of money accompanies and is caused by the waste of life, health, and strength which mine mismanagement occasions.

ery arises from ignorance and indifference to suffering than Far more misery arises from ignorance and indifference to suffering than from intentional cruelty. Managers of mines do not expose their men to needless injury of health intentionally; on the contrary, they would gladly save them from such danger, but some do not know all that needs to be done, and others cannot persuade the adventurers, at whose cost the improvements needed must be effected, how necessary they are, and how profitable they would be. The adventurers also do not sin in this matter willfully; they would not do what is done for them did they know the cost of human suffering their invidicions resimons coassions and agrainly Far more m fitable they would be. The adventurers also do not sin in this matter willfully; they would not do what is done for them did they know the cost of human suffering their injudicious parsimony occasions, and certainly not if they were as convinced as we are that no money could be more profitably spent than in properly ventilating a mine, and saving the men from the exhausting labour of climbing long ladders. Systematic enquiry has proved, what has long been well known to the most experienced coal viewers, that the regulations which conduce to the safety of the collier are profitable to the coalmaster. In the case of ventilation (the great fault of metal mines) this is pre-eminently the case; in a badly ventilated coal pit the men can do omly four-fifts of their proper work, while the cost of ventilating is far less than one-fifth of the wages. There cannot be a doubt that systematic enquiry would prove to all what the most enlightened mine captains well know—that a mine worked to the destruction of life is worked to destruction of profit, and when that becomes not merely the belief of the enlightened few, but the conviction of all, dangeronsly managed mines instead of being the rule will become the exception. The expediency of empowering Government Inspectors to frame rules, enforceable by penalties, for conducting metal mines may well be doubted, but no one can fairly deny that to enquire what management is successful in preserving health, and by such enquiry to keep attention of mine managers directed to this important subject, would be followed by benefit far greater than the slight expense it would entail. There are, indeed, men who argue that it is not the proper province of Government to do anything which at all interferes with individual action, provided that be not actually criminal. We, on the contrary, hold that it is the duty of Government to guard against every form of evil threatening the general welfare, provided it be clearly apparent the contrary, not that it is the day of Government of the clearly appare form of evil threatening the general welfare, provided it be clearly appare that the evil is of sufficient importance to call for such interference, as much greater than any to be reasonably apprehended from the interference may be an example of the contract of

much greater than any to be reasonably apprehended from the interference itself, for we willingly allow that Government interference may be an evil, though often it is a very small one. In the present instance the evil which we ask, that a remedy may be sought is great both in extent and intensity, while the interference we ask for is simply enquiry, and the evil that can occasion must be almost infinitely small, if there be any.

One objection that has been urged against such an enquiry appears to us scarcely worth consideration, but as it has been urged by one whose opinion is likely to have weight it may as well be noticed. It has been stated as an objection to the enquiry we ask for, but why we cannot perceive, that the working miner is a speculator in the prosperity of the mine as well as the adventurer—the one risks his money, the other his health, and even his life. The miner knows that unless the adventure can be prosecuted at all; he is, therefore, unwilling to insist upon expenses being incurred for his protection, lest the effect should. small cost it will not be prosecuted at all; he is, therefore, unwilling to insist upon expenses being incurred for his protection, lest the effect should be to cause the mine to be abandoned altogether. This seems to us to be no reason against, but a very strong reason for, an enquiry from without fit here were a conflict of apparant interest between masters and men, the former resisting and the latter desiring improvements of management, there would be better ground for hoping that the men would be able to induce their employers to guard their health effectually. But if it be, as these objectors assert, the apparent interest of the men to acquiesce in saving money rt, the apparent interest of the men to acquiesce in saving mone objectors assert, the apparent interest of the men to acquiesce in saving above at the risk of life, then is it more, not less, important that an authentain enquiry should be made, the result of which we are sure will be to prove that the same causes which destroy the health diminish the working power of the men. This, though self-evidently true, is not practically acknowledged and acted upon as it would be if all knew what is well known to the same cause when the same cause when the same cause is the same cause in the same cause which destroy the health diminish the working power of the men. This, though self-evidently true, is not practically acknown to the same cause which destroy the health diminish the working power of the men.

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last year in all its establishments 70,545,956 kilos, of minerals of all kinds. Of this quantity the workshops of Belgium and the neutral territory dealt with 54,000,000 kilos, and the German workshops with 16,000,000 kilos. The total production of rough zine in all the establishments of the Société mounted to 28,925,001 kilos., and of this total the workshops of Belgium that he neutral territory produced 3,000,000 kilos, and the Prussian workshops 6,000,000 kilos.; the production of 1860 exceeded that of 1859 by 4,000,000 kilos. Of 11,464 tons of rolled zinc, 1870 tons were sold in Belgium, and 9594 tons were exported by Antwerp for England, Hamburg, and other countries. Of 1658 tons converted into white zinc, 143 tons were sold in Belgium, and 1415 tons exported and forwarded to America, England, and Hamburg. It results from these totals that the Vieille Montagne sold in Belgium only about; one-eleventh of its Belgian production. The Société de la Vieille Montagne deserves to be placed in the first rank among the industrial establishments of the Continent, in consequence of the interest which it manifests in the moral and material welfare of the numerous body of workpeople whom it employs. At the close of In the property of the service of th

which they labour may be put on the same footing as those of their foreign competitors.

With regard to the coal trade of Belgium, the report shows that foreigners are as awkward rivals to foreigners as ever the much dreaded English can be. Thus the Chamber observes that the competition of Liege coal with that of Charleroi in the market of the French Ardennes will only be casy for the Liegeois when the navigation of the Meuse, ameliorated by canalisation, reduces freights, and when a more direct line of railway from Liege to Luxembourg unites the former with the centre of consumption, the present circuitous route by Namur being a great disadvantage. The Chamber adds: "As for those of our openings where we encounter the coal of the Ruhr—the openings of Limbourg and Holland—we shall certainly lose them if Prussian coal continues to be offered at its present extended by the rest of the coal of the Ruhr—the trees of the coal of the coal of the Ruhr—the trees of the coal of the coal of the Ruhr—the trees of the coal of the coal of the Ruhr—the trees of the coal of the Ruhr—the trees of the coal of the Ruhr—the openings of Limbourg and Holland—we shall certainly lose them if Prussian coal continues to be offered at its present extended to the coal of the Ruhr—the trees of the coal of the Ruhr—the trees of the coal of the Ruhr—the trees of the coal of the Ruhr—the openings of Limbourg and Holland—we shall certainly lose them in the Limbourg this coal occupied the Meuse, as for tainly lose them if Prussian coal continues to be offered at its present externely low rates. In the Limbourg this coal ascends the Meuse as far a Venloo, which for a lengthened period has formed an important market for Liege. From Venloo and the neighbourhood considerable quantities of combustibles are exported to the frontiers of Prussia, and Liege will call be enabled to keep its connection by the Meuse receiving promptly large improvements (in order to sensibly diminish the expenses of transport) or by the execution of the Canal du Nord, projected by Napoleon I., which would unite the Zuidtvillemswaard Canal to Venloo. Among the materials the use of which amounts to a considerable item in the

the most intelligent miners, and one great advantage of an enquiry would be to render the intelligence of the few more available for the benefit of the many.

It has been said that this is simply teaching miners and mine adventures how to conduct their business, which they ought to know themselves, and in which it is not the province of Government them. Such is, however, a glaring misrepresentation of the intention and effect of such an enquiry as is proposed. Though communicating, or rather diffusing, useful knowledge of mining may be one of its accidental results, its main object and effect will be to direct attention to that which is now scarcely thought to be a branch of mining at all, though we trust enquiry would prove that it is the most important branch of any,—how to save the health, and thereby economise the strength, of those whose labour produces all the wealth of mining.

FOREIGN MINING, AND THE NEW TARIFFS—No. II.

By the report of the Liege Chamber of Commerce, it appears with regard to zinc and lead that the Société de la Vieille Montagne produced last year in all its establishments 70,545,956 kilos, of minerals of all kinds. Of this quantity the workshops of Belgium and the neutral territory dealt with \$4,000,000 kilos, and the German workshops with 16,000,000 kilos. The total production of rough zinc in all the establishments for long production of rough zinc in all the establishments of rough zinc in all

preserve them, remain the sole markets open to Belgian plates and irons of commerce.

Perhaps our readers have by this time had enough of Belgium; we turn, then, to the Industrial Exposition at Limoges, in Central France, at which the products of thirty departments have been placed in competition with each other. M. Godefroy, jun., has received a prize for an apparatus to cleanse, wash, and concentrate alluvial minerals (minerais d'alluvion), such as gold, platinum, oxide of tin, wolfram, and others. But M. Godefroy, who is engineer at some metallurgical establishments in Limousin, does not confine himself to this simple task. After having at much expense, and with perils without number, accomplished a laborious examination of the placers of Australia, he has organised definitively a simple, commodious, and inexpensive system, permitting a successful treatment by washing and absolute concentration of alluvial minerals, such as gold and oxide of tin, which present themselves in well-defined and very extended bearings at various points of France. In other countries, to effect the objects aimed at by M. Godefroy, a series of engines, drags, tin-cases, frames, &c., are employed; all these arrangements are expensive, and often isolated, so that the processes, although directed by able workmen, are not (at any rate in the opinion of M. Godefroy and his admirers) all that could be desired. They require, besides, numerous dressing-floors, the providing which is an onerous affair. In countries where analogous bearings are worked the great difficulty has always been to re-unite the schams, or small impalpable mineral molecules, which amount sometimes to a fourth of the product of pounding or grinding in cylinders and by millstones. To obviate these inconveniences a machine was required uniting within itself, by means of simple arrangements, the perfections of the present apparatus; and with a difference of 20 per cent. in the workmanship: these improvements are said to be found in the machine constructed by M. Godefroy,

on his invention.

The following official return has just been published, showing the quantities of coal imported into France during the last three years: —

•	1858.	1859.	•	1860.	
From BelgiumTor	ns 2,680,207	 2,826,515		3,003,166	
From England	. 1,133,923	 1,166,691		1,160,586	
From the German Association	. 725,124	 635,084		733,472	
From other sources	5,280	 17,476		24,203	
Total	4,544,534	4,645,766		4,921,427	

Frenchmen look extremely close to the francs and centimes.

Gold in England.—Some time has now elapsed since the mania for working British gold mines was at its height, and doubtless many had abandoned all hope of gold mining in this country proving remunerative; it appears, however, that the repeated failures and apparently insurmountable obstacles which were from time to time met with were powerless to discourage the efforts of those who were so sanguine of the richness of the Vigra and Clogau Mines. With these mines Mr. T. A. Readwin's name will long remain closely associated, few having laboured more diligently tose-cure their development, and to demonstrate the profitable nature of British gold mining. About 15 months since operations were recommenced on the St. David's lode by the Vigra and Clogau Copper Mining Company, and at the beginning of the present year the lode was found to be rich enough in gold to justify the treatment of the ore for gold instead of copper, and the results obtained have fully equalled the anticipations of the property. The mine is at present in very few shares, but we understand it is intended to constitute a powerful joint-stock company, in order that the property may be worked with the vigour to which the prospects presented entitle it. The second dividend of 5s. per share will be payable on Monday next, the profits on the six months' working to July 5 being calculated at 2500½ on gold alone. It is estimated that the 983 ozs. 8½ dwts. which were sold through Messrs. Sharp and Wilkins for 3664£ 5s. 7d. were raised between Jan. 5 and July 5, and no doubt is entertained that a good and regular yield will continue. Of this quantity, 230 ozs. 12 dwts. were obtained from the crushing of 179 tons 11 cwts. of poor ore from the main lode, the yield from which averaged 1 oz. 6 dwts. per ton; in this there was no visible gold. The remaining 725 ozs. 16½ dwts. were from 2 tons 7 cwts. of picked ore, with visible gold, and which gave an average of 320 ozs. of gold to the ton of ore. From t

A SALT SPRING IN A COAL MINE.—A few days ago an unusual occurrence was met with in the Dunkirk Coal Company's Astley Deep Pit, at Dukinfield. In cutting a tunnel from the Black Mine coal in a horizontal line towards the Cannel Mine, a beautiful spring of salt water, or brine, issued from a fracture in the rock; and as its remoteness from the trias and saliferous or salt-bearing strata, and also its depth of 700 yards in the carboniferous measures, may interest your geological readers, I beg to supply a careful analysis of its contents. In every 100 grains of water there were—Chloride of sedium

a careful analysis of its contents. In every 100 grains of water there were—Chloride of sodium 4.50 grains
Chloride of calcium 0.37
Chloride of magnesium 0.26 5.13
Or about 7 ozs. (nearly half a pound) of common salt per gallon. Its specific gravity is 1.037, and boiling point 214° Fahr. But what renders it more remarkable—a fine specimen of petroleum, containing naphtha or naphthalin, floated on the surface. It was accompanied also with carburetted hydrogen, but in small quantities.

Geo. CHARLTON,
Mining Engineer, and Manager for the Company.

which would unite the Zuidtvillemswaard Canal to Venloo. Among the materials the use of which amounts to a considerable item in the working expenses of the mines, wood for props figures prominently. In certain collieries it amounts to 15 per cent. of the return price. The most suitable, and the most generally employed, are fir trees; and a great part of them come to us from the Limbourg, being brought back by the distanx transporting the coals. We have previously mentioned the exorbitant duties levied on this wood on its entry into the country, and the foreignent would perform a good administrative act, and remain faithful to the principles which guide it in matters of customs, if it submitted a reliance of sustaining purposes is certainly a matter of primary importance a coal workings, and yet a duty of 20 to 25 per cent. on their value is a coal workings, and yet a duty of 20 to 25 per cent. on their value is a coal workings, and yet a duty of 20 to 25 per cent. on their value is a coal workings, and yet a duty of 20 to 25 per cent. on their value is a coal workings, and yet a duty of 20 to 25 per cent. on their value is a coal workings, and yet a duty of 20 to 25 per cent. on their value is a coal workings, and yet a duty of 20 to 25 per cent. on their value is a coal workings, and yet a duty of 20 to 25 per cent. on their value is a coal workings, and yet a duty of 20 to 25 per cent. on their value is a coal workings, and yet a duty of 20 to 25 per cent. on their value is a coal workings, and yet a duty of 20 to 25 per cent. on their value is a coal workings, and yet a duty of 20 to 25 per cent. on their value is a coal workings, and yet a duty of 20 to 25 per cent. on their value is a coal workings, and yet a duty of 20 to 25 per cent. on their value is a coal workings, and yet a duty of 20 to 25 per cent. on their value is a coal workings, and yet a duty of 20 to 25 per cent. on their value is a coal workings, and yet a duty of 20 to 25 per cent. on their value is a coal workings, and yet a duty of 20 to

nearly as clean as blocks of stone; that it is not liable to spontaneous combustion, neither does it emit gas or smell of any kind, nor involve risk or injury of cargo, and that the evaporating power of the fuel is nearly 10 per cent. greater than any other description of coal known. The fuel has been favourably reported upon by Commander Watson, of Her Majesty's ship Royal Albert, and has been extensively used by several of the large steam navigation companies.

THE NORTHERN INSTITUTE OF MINING ENGINEERS.

The annual general meeting of members was held in the rooms of the Institute, at Newcastle-on-Tyne, on Thursday, the President, Mr. NICHOLAS Wood, in the chair. After the routine business of electing members, the Report of the Council of Management for the past year was read. In their report the Council, after congratulating the members on the general and increasing success of the Institute, gave a slight resumé of the Papers read during the past year, and of the discussions arising thereon,—On Pillar Working, by Mr. T. Crone; supplementary paper on the Manufacture of Coke, by Mr. Stevenson; Cement Walling for Shafts, by Mr. W. Watson; Ventilating Furnaces, by Mr. Walling for Shafts, by Mr. W. Watson; Ventilating Furnaces, by Mr. John Daglish; Strength of Tubbing in Shafts, by Mr. John Alkinson; Mountain Limestone Series of North Northumberland, by Mr. E. F. Boyd; and Memoirs of the lamented Vice-Presidents, the late Thomas John Taylor and Joseph Lock, by the President. The report noticed at some length the appointment of the Commission of Enquiry into the Durham University, and recommended the appointment of the President, Messrs. J. L. Bell, and J. T. Woodhouse, to give evidence on the part of the Mining Institute before the Commission. Considerable discussion ensued on various matters referring to the Institute, and amongst others the appointment of an additional secretary, and the advisability of increasing the number of vice-presidents, in order to secure to the Council of Management the services of many gentlemen of eminence in the profession, who, from their residing at at too great a distance, or from their numerous business engagements, cannot attend with the regularity essential as ordinary members of the Council.

A valuable paper was then read by Messrs. John S. Arkinson, Her Majesty's Inspector of Mines for Durham, and John Coulson, on Shaft Tubbing. This paper, which will appear in the Transactions of next year, was accompanied with elaborate plans explanatory of several interesting cases which have been met with in sinking various pits. Amongst these may be mentioned that of a recent winning in Westphalia, conducted under the suprinte WOOD, in the chair. After the routine business of electing members, the Report of the Council of Management for the past year was read. In their

the surface, showing that there was no connection whatever between the sources of these feeders. Another curious case was mentioned as having been met with in the sinking of South Wingate Colliery, near Durham, where a feeder near the surface was tubbed off, and on sinking deeper the usual heavy sand feeder of the district was met with, and also tubbed back, and the water was then run down from the first tubbing in behind the second tubbing, without ever raising the general level of the latter, or causing it to win over

and the water was then that down in the the latter, or causing it to run over.

Mr. John Daglish, of Hetton, also read a paper on the Destructive Action of Furnace Vapours in Upcast Shafts. After describing the curious transformation which metal tubbing in upcast shafts undergoes, the iron being reduced from a metallic state into a substance of plumbago-like character, and giving a chemical analysis of the resultant, the paper proceeds to give various chemical analyses and descriptions by other writers, of iron which has been affected in a similar manner by other agency, as by the action of sea water, gas-leakage, &c., which show a striking resemblance, and which are in effect identical with the subject of the paper, the action in all cases being the removal of the metallic iron, leaving behind the carbon and other impurities. The paper then proceeds to notice the destructive action of the furnace vapours on other materials besides iron, when exposed to their influence, and concludes by remarking on the various methods for protecting tubbing and walling. Mr. Daglish advocates the use of coal-tar for this purpose.

THE SCHOOL OF MINES-BRISTOL.

The results of the late examination of the pupils by the "Department of Science and Art" are now made known. They are as follows:-

- 1	and the state of t	A DACO.
		BATHAN Passed. RDLET Passed. As JONES Passed. DYER Passed.
1	W. ROBATHAN First Class Prize and J. Ea Silver Medal. JOSEP JAMES	BDLEY Third Class Prize, H HALE Third Class Prize, DYER Passed,
	MINERALOGY AND	MINING.
ı	GEORGE GILFILLAN. Second Class Prize. W. ROBATHAN Second Class Prize. JOHN JOSEPH HALE Third Class Prize.	EARDLEY Passed.
1	CHEMISTRY	
	W. Robathan Third Class Prize. J. Ea.	

When we take into consideration the short time during which some of the students have attended the school, and the small amount of preparatory knowledge possessed by many, we cannot but regard the above results as extremely satisfactory. Although the examination papers were certainly not very difficult, still they required a very accurate and extended knowledge of the several sciences, and were well calculated to test the proficiency of the candidates, and the soundness of the instruction which has been imparted to them. The success of Joseph Hale deserves especial notice, as it may serve as an example to others in a similar position. Until the late explosion, he was a working collier at the Black Vein Pit, at Risca, and has attended the school but a few months, and too much praise can scarcely be bestowed upon him for the attentive and persevering way in which he has pursued his studies, even amidst many difficulties and disadvantages.

EDUCATION FOR MINERS.—The youths and miners who have been pursuing their studies under the auspices of the Miner's Association of Cornwall and Devonshire appear to have met with a very fair amount of success at the Committee of Council on Education's annual Science Examinations, just concluded. In the class of Mechanical Physics, H. Middleton, nations, just concluded. In the class of Mechanical Physics, H. Middleton, of South Downs, Redruth, aged 22, has received a second-class silver medal for theoretical, and a first class Queen's prize for applied mechanics; and a first-class Queen's prize has likewise been awarded to Henry C. Carnele, of Redruth, for applied mechanics. Henry Williams, jun., Truro, received a first-class silver medal for mineralogy and its application to mining, and a second-class Queen's prize for inorganic chemistry. Second-class Queen's prizes were also obtained by James Roach and Richard Searle, of St. Just, for mineralogy and its application to mining, and by W. D. Hocking, of Redruth, for applied mechanics. Third-class Queen's prizes were awarded to Alfred Blenkinsop, of St. Agnes, and to R. B. Secule, of St. Just, for inorganic chemistry, and to Wm. Semmons, jun., of Redruth, for theoretical mechanics. In addition to these, John Bryant, of St. Agnes, and James Roach, John Rowe, and William Rowe, of St. Just, passed their examination in inorganic chemistry, and Wm. D. Hocking, James Wickett, and R. W. Ruckard, of Redruth, in theoretical mechanics. In mineralogy and its application to mining, John Hancock, jun., of St. James Wickett, and R. W. Ruckard, of Redruth, in theoretical mechanics. In mineralogy and its application to mining, John Hancock, jun., of St. Agnes, and John Rowe, of St. Just, obtained third-class Queen's prizes, and Alfred Blenkinsop, John Bray, John Bryant, and R. Davies, of St. Agnes, and William Rowe and William White, of St. Just, passed the examination. This list cannot but be regarded as satisfactory, when it is considered that the Miner's Association was not in working order at the beginning of the year, and that the examinations were held in May and June. That courses of instruction extending over only three months should have enabled the students to have passed with such brilliant results reflects the highest credit upon the teachers, and proves both the advantages which may be anticipated from the association, and the desire and ability of Cornishmen to profit by the facilities offered them for acquiring an adequate amount of sound scientific instruction. Of the 725 papers passed, 25 were forwarded from students who received their training under the auspices of the Miner's Association, and two of the silver medals were awarded to Cornishmen—Mr. Williams, jun., of Alma, Truro, taking

first-class for mineralogy and its applications to mining; and Mr. a first-class for mineralogy and its approximately.

Middleton, of Basset Mine, Redruth, a second-class for theoretical mechanics. Such being the results of the first year's efforts, we cannot doubt but that continued exertions on the part of the teacher will ensure the Miner's Association of Cornwall a position of which all connected with it

REPORT ON CORNWALL AND DEVONSHIRE.

Aug. 7.—An absence of a few months from the county—principally assed among the mining districts of Wales and the North of England passed among the mining districts of Wales and the North of Engiand— has given me a good opportunity of comparing the present position and prospects of Cornish mining with that of metallic mining in other parts. At the present time Cornish mining, in common with almost every im-portant interest in the kingdom, is suffering from great depression. The stagnation which the civil war in America has brought about in all branches of trade makes such a depression inevitable, and, indeed, natural. A limitation of trade, and a restriction of manufacturing enterprise, necessarily contracts the consumption of metals, and sends down their prices; and thi fall ultimately comes on the miner. But besides this legitimate source of depression, a large branch of mining enterprise—that is, speculative mining—suffers even still more from the decay of speculative feeling incident to times of depression; and this really brings more consternation to brokers and share markets than would be caused by the greatest possible fall in the price of metals. Let us see how these two causes of depression are likely respectively to affect the position of Cornish mining.

No business class suffers more irreparable damage from a permanent

No business class suffers more irreparable damage from a permanent fall in prices than the mining interest, for they must bear almost the whole of the loss without having anyone to fall back upon. If prices are lower with the manufacturer or smelter, he meets it by giving less for the raw material; and even with farmers a permanent fall in the value of agricultural medium personal thin statement with the statement of the statem tural produce must ultimately be met by a reduction of rents. But whether metals are high or low the miner will now have to give pretty much the same for his materials, for their prices are regulated by a demand, to the same for his materials, for their prices are regulated by a demand, to which his only bears an insignificant proportion; and in the item of labour, also, the demand is now so great from every quarter that but a trifling reduction can, under any contingency, be made there. Consequently, if there were any possibility of a permanent fall in the prices of metals, the prospect would be a bad one for Cornish mining. But there is really no probability of anything of the kind. Never, in the whole history of the human race, was there a prospect of such boundless material prosperity for every part of the world. On all sides new countries, teeming with natural wealth, and old countries, equally teeming with population, are being opened up to the industry and enterprise of European commerce. If it opened up to the industry and enterprise of European commerce. If it were not for a mania for war and destruction, which, like a madness, seems to have seized simultaneously upon such a large portion of mankind, the present prosperity would be beyond anything yet imagined. The only wonder really is that, considering the political state of the world, trade and manifactures are so little interrupted, and continue to be so soundly prosperous, as they are: it can only be due to the fact that the world is so substantially prosperous, that all these wars, rumours of wars, and rainons armaments fail materially to check it. Suppose, 20 years ago, anyone had conceived such a political state of things as we are now, or have been recently, going through—civil war, on a girantic scale, in the United States: conceived such a political state of things as we are now, or have been recently, going through—civil war, on a gigantic scale, in the United States;
Mexico and the Southern Republics in helpless anarchy; a desolating war
in China; an unparalleled mutiny and rebellion just subdued in India; and
Europe arming to the teeth—what would have been the result predicted to
manufactures and trade? Why, ruin—utter ruin; and yet, notwithstanding all this, we have been, and are, doing marvellously well—a sure sign
that the wealth and prosperity of the world is increasing in such a ratio as
to counterbalance all disturbing warlike causes, and so as soon, it is to be
hoped to defy and control them.

that the wealth and prosperity of the world is increasing in such a ratio as to counterbalance all disturbing warlike causes, and so as soon, it is to be hoped, to defy and control them.

With such prospects of unparalleled prosperity for the whole world, the mining interest of Cornwall can have no fear of any permanent depression of prices. Notwithstanding all likely discoveries in new countries, the probability is that, far from falling, the prices of metals will still advance. Yet serious fluctuations must at times be expected, from temporary depressions of trade. Last year black tin was selling for upwards of 80L per ton, with a rising market; and a large proportion of the miners in the county were calculating upon its going to 100l. Several mines were put to work avowedly in consequence of the high prices; mines which, it was admitted by all, could not be made remunerative at any great reduction. The fall which has already taken place has been a great blow to these hopes. Men were so confident in the necessarily increased demand for tin, arising from increased wealth and industry, coupled with its restricted areas of production, that they almost ceased to contemplate the possibility of its ever falling again. They told tales of selling tin at 35L or 40L per ton as a man would tell of his travelling from London in a stage-coach, as a curiosity, entirely passed away. The fall that has taken place has, with many, caused an excessive reaction in the other direction; and they are almost beginning to fancy that the old days of 35L or 40L per ton may come back again. There need be no apprehensions of anything of this kind; the fall that has taken place shows nothing to justify any such fear, for considering the stagnation of trade, it has not been excessive. Consequently, so far as the price of metals is concerned, there seems no good reason whatever to fear any such permanent fall as would seriously injure Cornish mining industry. Prices myst fluctuate with the fluctuations of trade. far as the price of metals is concerned, there seems no good reason whatever to fear any such permanent fall as would seriously injure Cornish mining industry. Prices must fluctuate with the fluctuations of trade; but the depressions may be expected to be merely temporary, and certainly afford no adequate grounds for sacrificing any mining property, because it admittedly requires high prices to make it remunerative. If one is satisfied that with such prices it will be really remunerative. If one is satisfied that with such prices it will be really remunerative, I should say hold on by all means, for these prices will, and must, come again before very long. The depression which arises from the decay of speculative feeling, and which chiefly affects new or market concerns, is a matter of much less consequence to legitimate mining. That a speculative spirit is to a certain extent necessary to give a full development to mining industry is, no doubt, perfectly true; but it may very well be pushed too far. It would be a matter for unmixed satisfaction if the present depression were the means of weeding out the market by the stoppage of a lot of hopelessly poor concerns—concerns without the ghost of a chance, and which are really not even worked in such a manner as to produce any possible result, but which even worked in such a manner as to produce any possible result, but which are lingeringly dragged on for the sake of the most petty objects, or for want are lingeringly dragged on for the sake of the most petty objects, or for want of moral courage to stop and acknowledge a loss. Such things drain the resources of those that are willing to speculate, consume labour and materials uselessly, bring discredit upon the name of mining, and all without any proportionate benefit to any person. As it is well to see that some good comes out of evil, it is satisfactory to observe that the existing depression is really doing good by bringing a few concerns of this class to an end; still there is plenty of scope yet in this direction. In some districts there is no doubt that the simultaneous stoppage of several concerns might bring about a panic, and involve the whole district in rain. This has frequently occurred in times of panic, in the case of some Welsh districts, which, although affording excellent prospects, have been almost entirely abandoned, in consequence of the contagion caused by the stoppage of two indoned, in conseq uence of the contagion caused by the stop or three concerns. But there is no danger of anything of that kind in Cornwall. No piece of ground of known and admitted merits is likely to remain there very long untried; and no amount of "knocking" of poor mines will affect the prospects of those worthy of a fair trial. Last year all the deep old mines in the county were going to work. At present I think ou views are a littled sobered; and if, as we must do, we attribute this to the recent depression, it will have been the means of doing very great benefit to the county, or at least of saving it from a great deal of loss and discredit. The proverb which says that "comparisons are odious" contains a great

deal of truth, and consequently I shall not attempt to institute any p between Cornish mining and metallic mining in other parts of these doms. But, whatever may be the merits or demerits of Welsh or othe doms. But, whatever may be the merits or demerits of veisa or other mines, as private concerns to be worked out by individual enterprise, I think that the experience of the last 15 or 20 years show that they cannot attempt to vie with Cornish mines in an open market. The fact is, that it is only the mines of a very few districts that can, from their very nature, ever become really marketable commodities—become worth, for inture, ever become really marketable commodities—become worth, for instance, any definite number of years' purchase. Districts in which the ore makes with sufficient regularity as to enable you, more or less approximately, to judge of its prospect of continuance are very rare; and except insuch districts—of which Cornwall is the greatest in the world—it is practically impossible to fix a value for shares within such a limit as to make a regular market possible. Of course, a thing of the kind may be attempted prove and then, and may be carried on for a time, but in princty-nine cases. now and then, and may be carried on for a time, but in ninety-nine cases out of a hundred it ultimately falls through. Consequently, for "outside" shareholders—for those who live away from the district, and judge of the prospects and value of mines by what transpires in a market—Cornwall must always offer a securer locality for mining speculation than any other dis-

trict that can possibly be found; and this fact alone will secure it such a preference among speculators as to ensure at all times an ample supply to capital for developing its boundless mineral resources.

REPORT FROM NORTH AND SOUTH STAFFORDSHIRE.

Aug. 8.—The Iron Trade in this district is, if anything, a shade better than it was. Some of the leading ironmasters are fairly employed, but generally the trade is very dull, and the feeling on 'Change at Wolverhampton and Birmingham this week was somewhat more depressed, on account of the news of the defeat which the Federal forces have suffered. Opinions differ as to the result of that event, but the general opinion is that it affords an illustration of what most thoughtful men have felt—that the subjugation of a numerous and determined people, inhabiting a vast extent of country, is an impossible task, and that either an amicable arrangement or a separation must be the conclusion of the quarrel. How far distent of country, is an impossible task, and that either an amicable arrangement or a separation must be the conclusion of the quarrel. How far distant either of these results may be it is not for any one to guess. Mean-while trade languishes and will languish, and great suffering must, it is to be feared, ensue in this country as well as in that in which the war is actually raging. The Hardware Trades of the district continue much as they were. In one or two trades there are rather more orders, and there is more heard of the French trade. At present the goods sent to that country are necessarily only an experiment, but the dulness of trade in general induces merchants and manufacturers to push trade in any direction in which there is any chance of extending it.

country are necessarily only an experiment, but the dulness of trade in general induces merchants and manufacturers to push trade in any direction in which there is any chance of extending it.

The incidence of the Truck Acts formed the question in dispute in an action heard before Mr. McMahon, of the Oxford Circuit, to whom it was referred. The plaintiff, Mr. Caswell, a master sinker, had been employed in sinking pits at Moxley, near Bilston, and other places for the defendants, Messrs. Groucut and Sons, ironmasters, &c., and such them for 5021. Iss. on this account. The plaintiff employed men under him to do the work, and occasionally assisted himself, and was paid by measure and by day, according to the nature of the sinking. His claim was the balance, as he alleged, of his work after excluding upwards of 5001, which sum he contended was payment in track. The defendants paid 41 into Court, which was a little more than the balance, as they alleged, of the last reckoning, and which plaintiff had never called to receive. The main questions for the arbitrator were, whether the pinintiff was an artifacer or labourer under the Truck Act, and bound to bestow his own services in the work done; and if so, whether cash paid to his men on his account, at his request, part of which was expended at defendants' shop, and goods supplied to defendants for which he had refused to give credit, were to be set off against his claim, or were illegal claims under the Act. It was contended by defendants, that plaintiff die not come within the definition of an artificer under the Act, "as a person employed in getting or working in mines of coal or stone," though he might sink through both strata, and raise coal and stone from the shaft in sinking, and that he was a mere contractor, not bound to work personally, and obtained a profit on the labour of his men. Several cases were cited in support of the plaintiff sand defendants' views, and ultimately they both agreed to abide by the arbitrator's decision on the law, though either had

In another column appears a list of Blast Furnaces in and out of blast, extracted from Mr. Samuel Griffiths's "Iron Trade Circular," which shows that the number of furnaces out of blast in this district is much larger than it was. This will appear more strikingly if we compare the number of furnaces in blast with the number in operation at previous periods, as shown

the following table:—	In	blast	t. Out	or	Diast.	Total.	
1857. September		157		22		179	
December							
1858. December		132		51		183	
1859. December		138		50		. 188	
1860. December		-		-		-	
1861. July		99		93		. 192	

In explanation of this table, it may be well to remind the reader that the statement for September, 1857, refers to the period of great activity preceding the crisis of the autumn of that year, which caused the blowing-out of 46 furnaces by December. At the present moment, while there are in South Staffordshire and East Worcestershire 13 more blast-furnaces in existence, there are actually 22 less in blast than at the close of 1857, when bankrupties were taking place by scores, when the principal bank in Wolverhampton had stopped payment, and the whole country was in a state of commercial prostration. The diminution in the number of blast-furnaces in operation may, however, be to some extent explained by the increased importation into the district of hematite and other pigs.

THE IRON TRADE-FURNACES IN AND OUT OF BLAST. We are indebted to Mr. Samuel Griffiths, of Wolverhampton, for some

we are indebted to Mr. Samuel Griffiths, of Wolvernampton, for some valuable statistical information, explanatory of the present state of the iron trade. These returns are of very great value, and we intend to publish them entire in the Journal, as not only of present interest but worthy of recording for reference. We have not space for all the returns this week, but inour next Journal shall complete the series, and then place our readers in possession of as accurate a view of the iron manufacturing industr y o the country as can possibly be procured.

WOLVERHAMPTON AND BILSTON DIS	TRI	CT.		
Fu	rnac	es. In.	. 0	ui
Addenbrookes, Smith, and Pidcock, Rough Hay	3 .	1		2
Ashton, Isaiah, and Co., Wolverhampton		0		3
Bagnail, John and Sons, Capponfield	3	2		1
Bagnall, John and Sons, Golds Green	3	1		2
Baldwin, William and Co., Bovereux				
Banks, Thomas and Son (late), Barber's Field	9	0		9
Bennitt, William, Oldbury		4		
Blackwell and Co., Bilston New		0		
Chillington Company, Chillington		3		
Chillington Company, Moseley	3	0		
Chillington Company, Bentley		2		
Colbourn, John and Sons, Horsley	4 .			
Cresswell, Edward and Sons, Tipton		2		
Davies, Bloomer, and Co., Pelsail		2		
Fryer, William F., Esq., Hatherton	2	1		
Fletcher, Solly, and Urwick, Willenhall	3	2		1
Griffiths, Samuel, Bilston Brook	3	0		3
Gibbons, Benjamin, Millfields	4	4		0
Groucutt, Samuel and Sons, Broadwaters	3	3		0
Giles, Frederick (late), Stour Valley	1	0		1
Hopkins, John and Son, Dudley Port	2	2		0
Haines, Job and Henry, Willingsworth	3	2		
Hickman, G. H. and A. (late), Stonefield		0		
Jones, David, Herbert's Park		0		
Jones and Murcott, Bliston	3	2		
Jones, John, Birchills	5	1		
Lloyds, Fosters, and Co., Wednesbury Old Park		3		
Mills, Samuel, Dariaston Green	3	3		
Morris, Thomas, Park Lane	2	1		
Motteram and Deely (late), Toll End	2	0		
		2		
Osler Bed Iron Company, Osler Bed				
Onions, W. J. and G., Stour Valley		1		
Parkfield Iron Company, Parkfield	0	4		
Pemberton, Thomas H. (late), Deepfields	3	0		
Perry, F. Charles (late), Roughwood	2	0		
Roberts and Company, Tipton Green	4	2		
Sparrow, W. and Co., Stow Heath	4	2		
Thorneycroft, G. B. and Co., Bradley New	2	2		
Thomson, G. and Co., Crook Hay	4	0		
Turley, Josh. and Thomas, Coseley	2	2		0
Williams, Philip and Sons, Wednesbury Oak	3	2		
Williams, Philip and Sons, Union, West Bromwich	3	2		1
Williams Brothers, Birchills	2	0		
Ward, William and Sons, Priestfields	3	2		1
Ward, William and Sons, New Priestfields		1		
Whitehouse, H. E., Priorfields	3	2		
				_
	200	67		00

			1000	-
Total		130	67	63
*	DUDLEY DISTRICT.			
Blackwell and Co.	, Russell's Hail	. 5	1	4
Bradley John and	Co., Shut End		2	
Radger Thomas a	nd Isaac, Old Hill		0	
Coobserve and Co.	Woodside		2	
	oneygre		2	
Dudley, Earl of, C	Avei		2	
			2	
	ithymoor		1	
	, Park Head			
	d G., Oak Farm		2	
Firmstone, W. an	d G., Lays		3	
	Old Windmill End		2	
	nd W., Netherton		2	
Gibbons, Benjami	n, Ketleys		0	
Gibbons, Benjami	n, Corbyn's Hall, New		2	
Hall, Holcroft, an	d Pearson, Brettle Lane	. 2	2	0
	d Pearson, Old Level		1	1
	Dixon's Green		0	1
Hingley Noah an	d Sons, Netherton and Dudley Wood.	. 6	2	4
Matthews Willia	m, Corbyn's Hall	. 4	2	2
	Company, Corngreaves			4
New Phinau mon	Company, Corngreaves	-		
m-4-1		69	39	30
Total.		. 04		******
	SHROPSHIRE.			
Potfield Berigh	Esq., M.P., Dark Lane	. 2	1	1
Dorfield Porish	Esq., M.P., Hinkshay	. 2	1	1
Dottieru, Dermii,	Coult by many of agentumental concessions.			

Botfield, Berinh, Esq., M.P., Hinkshny
Botfield, Berinh, Esq., M.P., Langley Field 1 . . . 0 . . 1
Conlbrookdale Company, Dawley Castle 2 2 0

* Three of these furnaces are about to be taken down.
† One now being blown out.

_			_		
	SHROPSHIRE—(Continued).				
	Coalbrookdale Company, Horsehay	rna 9	ces. In	. 0	ut.
	Coalbrookdale Company, Horsehay Coalbrookdale Company, Lawley Coalbrookdale Company, Lightmoor Foster, William Orme, Esq., M.P., Madeley Court Ketley Iron Company, Ketley	ĩ	1	****	ő
	Coalbrookdale Company, Lightmoor	2	2		0
	Foster, William Orme, Esq., M.P., Madeley Court	3	2	****	1
	Ketley Iron Company, Ketley Lilleshall Iron Company, Lilleshall Madeley Wood Company, Madeley Wood Old Park Iron Company, Old Park and Stirchley	2	1	****	1
	Lilleshall Iron Company, Lilleshall	8	8	****	0
	Old Bark Iron Company, Madeley Wood	4	3	****	0
	Old Park from Company, Old Park and Stirculey	*	**** 2	****	2
	Total				
	FOREST OF DEAN.				-
	Cinderford Iron Company, Newuham	4	2	****	2
	Forest of Dean Iron Company, Park Eud	2	1	****	2
	Ebbw Vale Company, Oakwood	1	0	****	
	2004 Tale Company, Can Hoodstrift	-	0	****	•
	Total	9	3		6
	NORTH STAFFORDSHIRE DISTRICT	Р.			
	Fenton Park Iron Company, Fenton Park		0		0
	Granville, Earl, Shelton	8	6		9
	Granville, Earl, Shelton		8		ĩ
	Heath, Robert, Esq., Biddulph Valley	3	2	****	î
	Kinnerstey, T., Esq., Trustees of late, Clough Hall	4	2	****	2
	North Staffordshire Coal and Iron Company (Limited),	2	0		
	Heath, Robert, Eaq., Bidduiph Valley Kinneraley, T., Eaq., Trustees of late, Clough Hall North Stanfordshire Coal and Iron Company (Limited), 1 Talk-o'-the-Hiil Sparrow, W. H. and Son, Longton, Land End. Silverdaie Company, Silverdale.	-			
	Sparrow, W. H. and Son, Longton, Land End	3	9	****	1
	Williamson Brothers, Goldendale	4	2	****	9
	Timmera Divinore, Concentino IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	_			-
	Total	31	19]	1.5
	STOCKTON AND DARLINGTON DISTR				
	Deleham and Vanaham (Constant)	110	-		
	Bolckow and Vaughan, Cleveland Bolckow and Vaughan, Middlesboro'-on-Tees. Bolckow and Vaughan, Witton Park Bell Brothers, Port Clarence-on-Tees	8	9	****	0
	Bolckow and Vaughan, Witton Park	4	4	****	0
	Bell Brothers, Port Clarence-on-Tees	6	4	****	9
	Brenkburn Iron and Coal Co., Morpeth, Northumberland	1	0		ĩ
	Beasley, Joseph, jun., Haltwhistie	1	0		ĩ
	Cochrane & Co., Ormesby Iron Works, Middleson-Tees	4	3		1
	Bolckow and Vaughan, Middlesboro'-on-Tees- Bolckow and Vaughan, Witton Park Bell Brothers, Port Clarence-on-Tees Brenkburn Iron and Coal Co., Morpeth, Northumberland Beasley, Joseph, Jun., Haltwhistle. Cochrane & Co., Ormesby Iron Works, Middleson-Tees Clay Lane Iron Company, Clay Lane, Eston Derwent and Consett Iron Company (Limited), Consett. ‡ Gilkes, Wilson, Pease, and Co., Tees Iron Works Holdsworth, Benington, and Co., Stockton-on-Tees Hopkins and Co., Tees Side.	3	2	****	1
	Cilber Wilson Peece and Co. Trees Iron Works	18	8]	10
	Gilkes, Wilson, Pease, and Co., Tees Iron Works Holdsworth, Benington, and Co., Stockton-on-Tees Hopkins and Co., Tees Side Irwin, Thos. R., Esq., Bedlington, Sunderland Jones, Dunning, and Co., Normanby Marchloness of Londonderry, Vane & Seaham Iron Works Sameleson, B., and Co., South Bank Furnaces South Durham Iron Company, South Durham Union Bank, Newcastle, Hareshaw Weardale Iron Company, Tow Law, Weardale Warners, Lucas, and Barrett, Norton Furnaces	9	**** 2	****	3
	Honkins and Co., Tees Side	9	9	****	1
	Irwin, Thos. R., Esq., Bedlington, Sunderland	2	0	****	2
	Jones, Dunning, and Co., Normanby	12	0		2
	Marchloness of Londonderry, Vane & Seaham Iron Works	2	0		2
	Samuelson, B., and Co., South Bank Furnaces	3	2		1
	South Durham Iron Company, South Durham	8	2	****	1
	Woordale Iron Company Tow Law Weardale	90	0	****	3
	Weardale Iron Company, Stanbone, Weardale	i	0	****	1
	Warners, Lucas, and Barrett, Norton Furnaces	8	2	****	î
	Whitwell, William, and Co., Thornaby	¶3	0		3
		-	_		-
	Total	86	48		38
	NORTHAMPTONSHIRE.				
	Butlin, Thomas, and Co., East End, Wellingboro'	1	1		0
	Pell, George, Heyford	3	2		i
		-	-		-
	Total	4	3		1
	WILTSHIRE, &c.				
	Chief Clearge Pennywell Pond Reistel	141			1
	Knight, Edwin, and Co., Ashton Vale, Bristol Sarl and Co., Seend Westbury Iron Company (Limited), Westbury	i	1	****	0
	Sarl and Co., Seend	112	2	****	ő
	Westbury Iron Company (Limited), Westbury	2	2		0
		-	_		nua.
	Total	6	5	****	1
	DERBYSHIRE DISTRICT.				
	Appleby and Co., Renishaw	2	1		1
			2		ô
	Barrow, Richard, Esq., Staveley Butterley Fron Company, Butterley Beale, Samuel, and Co., Newbold Clay Cross Company, Clay Cross Dunston and Barlow Company, near Chesterfield Knowies, John, Brimington	7	2		2
	Beale, Samuel, and Co., Newbold	1	1		0
	Dunston and Barlow Company, peer Chasterfold	3	1	****	2
	Knowles, John, Brimington	1			
	Knowies, John, Brimington Mold, W. H., Alderwasiey and Morley Park	tt2		****	0
	Oakerthorpe Iron Company, near Alfreton	2	1		ĭ
	Oakes, James, and Co., Alfreton	3	1		1
	Rangeley, Henry, Unstone	1111	(1
	Whitehouse H. P. and Sone West Heller	3	5		1
	Wingerworth Iron Company, Wingerworth	889	3	****	0
	manger detail area company) it inger worth	-0	**** 1	****	2
	Mold, W. H., Alderwasiey and Morley Park Oakerthorpe Iron Company, near Alfreton Oakes, James, and Co., Alfreton Rangeley, Henry, Unstone Stanton Iron Works Company, Stanton Whitehouse, H. B., and Sons, West Hallam Wingerworth Iron Company, Wingerworth Total.	36	**** 22	1	4
2.	NOPSIS OF FURNACES IN AND OUT OF BLAST		C	_ 70	
91					

OPSIS OF FURNACES IN AND OUT OF BLAST IN GREAT BRITAIN,
 SYNOPSIS OF FURNACES IN AND OUT OF BLAST IN GREAT BRIT up to July of the present year:—

 Districts.
 Furnaces.
 In.
 Out.

 Wolverhampton and Bilston district
 130.
 67.
 63.

 Dudley district.
 62.
 32.
 30.

 Shropshire
 32.
 23.
 9

 Forest of Dean
 9.
 3.
 6

 North Staffordshire
 94.
 19.
 15.

 Stockton and Darlington
 85.
 48.
 38.

 Newcastle-on-Tyne.
 21.
 13.
 8

 Lancashire and Cumberland
 30.
 16.
 14.

 Yorkshire
 36.
 25.
 11.

 Northamptonshire
 4.
 3.
 1

 Wittshire, &c.
 6.
 5.
 1

 Derbyshire
 36.
 22.
 14.

 Total
 486
 276
 210

 South Wales
 207
 125
 82

 North Wales
 15
 4
 11

 Scotland
 174
 119
 55
 Total 882524358

† One of these partly down. | Just complete, and about to blow in. \$\frac{1}{2}\text{ Out for the last 13 years, and now for sale.} \$\frac{1}{2}\text{ Nearly complete.}\$ ** Will be put in shortly. \$\frac{1}{2}\text{ These furnaces are going out of blast for a short time, with a view of applying apparatus for utilising the gases.} \$\frac{1}{2}\text{ Turning one to cold blast.} \$\frac{1}{2}\text{ Turning one to cold blast.}

[To be completed in next week's Mining Journal.]

REPORT FROM YORKSHIRE, DERBYSHIRE, AND LANCASHIRE.

Aug. 8.—The decisive intelligence of a battle in America, though long Aug. 8.—The decisive intelligence of a battle in America, though long delayed, has come at last, and that confirming our worst suspicions as to the future of our trade with that country. The last advices from the States are very disheartening, and it is almost impossible to expect anything like regularity in orders or remittances. There is less enquiry for rails than has been experienced for some time past, but merchant bars have been in request, and the orders for plates for shipbuilding have been on the increase. The demand for export has been steady, but for home consumption there has been but little enquiry for any description of manufactured iron. The Coal Trade is duller than for some time past, and the demand has been much less than usual, owing to the generally depressed state of trade. The stocks in hand are large, and with the exception of those coalmasters who have heavy contracts to execute, there is a general inactivity observable.

have heavy contracts to execute, there is a general inactivity observa. The inquest at Clay Cross has been brought to a conclusion after edays' sitting, and the examination of 73 witnesses. The accident we simple one, though fraught with terrible results, and much of the evidence which taken was of a corroborative character. The witnesses at the last two sittings gentlemen chiefly engaged in mechanical and mining engineering. The Clay Control of the engaged in mechanical and mining engineering. simple one, though fraught with terrible results, and much of the evidence which was taken was of a corroborative character. The witnesses at the last two sittings were gentlemen chiefly engaged in mechanical and mining engineering. The Clay Cross Company determined to produce as witnesses some of the most experienced men. Mr. Howe, the engineer to the company, described the mechanical arrangements for lifting the waster out of the mine by tubs, which was the most effectual mode of raising it. Intia opinion M. Howe was fully corroborated by other engineers. Mr. Binns, the manager of the works, gave evidence of the commencement and closing of the old works, which were commenced in the lifetime of the late Goorge Stephenson, under whose direction they were principally carried out. The barriers of coal left against the pressup by Mr. Binns were considered to be ample, and Mr. Hedley, the Government Inspector, gave an opinion that they were sufficient without boring, assuming the old plan to correct. Mr. J. T. Woodhouse, Mr. Jeffcock, of Derby, and Mr. W. Bean, of Aircton, Mr. R. G. Coke, of Ankerhold, all mining engineers, considered that the barriers were amply sufficient. Mr. Hedley entered into a long deposition of what had been done from the first occurrence of the accident. He had agreed, at the request of the company, to take the management of the operations until the bodies were recovered, and for that purpose he had been at Clay Cross atmost night and day for three weeks. He approved of the barriers which had hen left, assuming the plans to be correct, and he had no collier in his district which was better managed in regard to everything for ensuring the preservation of life. He had so much confidence in the judgment of Mr. Binns, the manager, that he would as soon take it as his own. After the water had broken in it was impossible to step it. The coroner summed up the evidence for upwards of two hours, and the jury occupied a like time in considering their verdict: after they had decided they handed the c

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Inspector, with a view to provide for the safety of the mine; and they consider it desirable in all such cases for coalowners to drain the old workings on the property they

inspector, with a view to provide for the satety of the mins; and they Consider the estable in all such cases for coalowners to drain the old workings on the property they are working."

On the delivery of the verdict, Mr. Wm. Jackson, M.P., with tears in his eyes addressing the jury, said:—"On behalf of the Clay Cross Company, I cannot allow this meeting to separate without expressing my deep regret, and of everyone concerned, for the lamentable loss that has taken place. I can assure you that each and all of us have felt most severely. We feel your verdict has, in public opinion, rendered us blameless. We do feel for the loss of life and for the families, and for the great loss they have sustained; and we only hope that such a circumstance may never occur again. It was our pride to think that these works had been conducted in such a manner as to cause scarcely any loss of life, and we have congratulated ourselves that, under the able management of Mr. Bluns, we had less loss of life than any colliery in the kingdom, considering the magnitude of the works. It has seve been our wish to make men in our employ comfortable, and to ensure their safety. We cannot repay our friends and neighbours for the great interest they have taken in this lamentable affair, for the kindly offers of aid we have received, and the attention you, gentlemen, have paid to the case, and for the great amount of time you have lest over it. We must express our deep sense of gratitude to you, and I hope that theys may be taken to ameliorate the extent of the sufferings of those families who have been hereaved in consequence. I am sure it shall not be our fault. I can scarcely express myself. I hope it will be the last time you will be assembled under such circumstances."

We hear that a company of gentlemen has been formed, under the

such circumstances."

We hear that a company of gentlemen has been formed, under the Limited Liability Act, to work a coal field at Sheepbridge, consisting of about 600 acres. The coal has been let by Mr. Fowler, one of the proprietors of the Sheepbridge Works. We incline to the opinion that the company will be a prosperous one, inasmuch as the proprietors of the Sheepbridge Works might become large purchasers, their own colliery not yielding coal sufficient for their blast-furnaces.

high section as particular the property of the

REPORT FROM MONMOUTH AND SOUTH WALES.

REPORT FROM MONMOUTH AND SOUTH WALES.

Newport, Cardiff, and Swansea, Aug. 8.—The colliers of Risca, Abercarne, and the neighbourhood, held a meeting on Thursday evening, at the Old Bridge, Risca. About 300 were present, and the few men that were working at the Black Vein were sent for, and remonstrated with on their conduct in undermining the exertions of their fellow-workmen, by going in at the reduced prices. This had the effect of eliciting a promise from those who had resumed work, that they would not go in again still a stater were manager, has offered to terminate the dispute by resuming work at the old prices, and the company will also employ timbermen for putting up the brattlee. This has hitherto been done by the colliers, and consequently the offer now made is highly advantageous to them. Intoxicated by their presumed victory over the masters, the men refuse to go in even at these terms, their chief objection boing the proposed employment of timbermen, or sub-fremen. The managers, as may be expected, have determined to get men elsewhere, and the is to difficult task in the copy of the good ense of the colliers, for their own sake, will predominate over their ambitious and domineering spirit on this occasion. It is in contemplation to form a company for the purpose of working the Lainaly and Danharry Mines, situated near the South Wales Railway. Several influential men have already signified their intention of assisting in the scheme.

The tract of country traversed by the Ely Valley Railway is fast becoming a prosperious middle district. Measrs, Peters and Wood have succeeded in winning the Prices on middle district. Measrs, Peters and Wood have succeeded in winning the Prices and the district. Measrs, Peters and Wood have succeeded in winning the Prices was held at Merthy Tydvil, Mr. Lionel Brough, Her Migherty Inspect of Mines, occupied the chair. It was determined that the next medical propriets, have been elsessed in the cold under Fignon Rhynglin, entar Eglwysilian Church, and the produce, which

Briston.—There has been an unaccountable falling off in the exports of coal to foreign parts from the port of Bristol during the month of July, as compared with the preceding month. In June the over-sea exports as compared with the preceding month. In June the over-sea exports were 2785 tons, but in July only 769 tons, thus showing a decrease of 2016 tons in the exports. The following are the places to which the exports were made in July:—Dantzie, 150 tons; Tobago, 70 tons; Matangas, 147 tons; Cuba, 69 tons; Demerara, 140 tons; St. John's (Newfoundland), 193 tons.—A dividend of 1s. 10d. in 1l. has been declared in the Bristol Bankruptcy Court in the estate Great-Western Iron Company (limited). A further dividend is promised.

REPORT FROM NORTHUMBERLAND AND DURHAM.

REPORT FROM NORTHUMBERLAND AND DURHAM.

Aug. 8.—Dulness in the general trade of the district is still the prevailing feature; this applies to most of the staple trades, few of which can boast of much activity. It is, of course, the season when the house coal trade and the gas coal trade is expected to be dull, but, in addition to this, the coke trade has become very slack. The price of house coals in London is as good as can be expected at this season. With respect to the steam coal trade, which is the principal coal exported, it is in a better position than any other branch at present. On the Birtley estate, where a company propose to open out a colliery, matters are still in the very curious state last reported. Sinkers are still employed, who go regularly to work each day, and others are employed by the Earl of Durham to prevent their progress; the parties, strange to say, do not come into actual collision, the working party merely carrying them off the premises. The surface is owned by the Earl of Durham, and he appears to be determined to prevent any opening being made on the lands for the purpose of getting the minerals. It is said he has power of this kind, the arrangement being when he purchased the estate, which is a small one, that the minerals were to be got by outstroke—that is, conveyed underground into the adjoining royalties.

At the meeting of the members of the Northern Institute of Mining

to be got by outstroke—that is, conveyed underground into the aujouring royalties.

At the meeting of the members of the Northern Institute of Mining Engineers, on Thursday, the President, Mr. Nicholas Wood, occupied the chair. Twenty-six new members were elected, and, altogether, the meeting was of a very interesting character. Mr. Wood, the President, Mr. J. L. Bell, were appointed to give evidence before the Commission appointed by Government to enquire into the affairs and management of the University of Durham, the object being to get some arrangement made, if possible, by which funds can be got to establish a mining school or college in connection with the University. Messrs. Atkinson and Coulson's paper." On Shaft Tubbing." was read, and it will prove of a most interesting and useful kind. Mr. Atkinson's scientific knowledge is well known, and Mr. Culson has had, perhaps, more experience in sinking and tubling shafts than any other living man. The subject is one of the utmost importance, as few deep shafts can be sunk or properly secured without the aid of metal tubbing. The different modes of inserting this tubbing are described, with the various appliances necessary allowing the escape of gas from the internal parts of the tubbing; this applies particularly to close-top tubbing, which very often requires tags to be inserted to allow a smill quantity of water to escape, and gas at the same time. Several instances were mentioned, accompanied by various sections, plans, &c., one showing a shaft in westballs, Prussia; in this case, previous to taps being inserted, the gas caused the circles to give way.

We noticed in this letter on July 25 the case of an accident at Monksearmouth, whereby one man was killed and others injured by an explosion of gas. The verdict of the coroner's inquest being, "That the accident
red through the passage of the gas, ignited in the inside of the Davy iamp, through

the gauze to the external air." We remarked that it was a very serious circumstance, if true, and, at the same time, expressed an opinion that the alleged fact would not be credited generally by practical men. The subject was introduced on Thursday at the meeting of the Institute, and an animated discussion ensued in the case. Practical men, as we remarked, will be slow to believe a result which is so very different from their experience. A few years ago a series of experiments were conducted by Mr. Wood and several other gentlemen with the gas in the Killingworth Collery, also, we believe, in the Wallsond, the results of which experiments showed that under any ordinary circumstances, or any circumstance likely to occur in mines, it was not possible so to pass the fame through the gauze. A full and detailed account of these experiments was published in the Transactions of the institute, and the subject will be further discussed and wall receive the attention it deserves.

mane through the gause. A full and detailed account of these experiments was published in the Transactions of the institute, and the subject is one of very great importance, and will receive the attention it deserves.

SOUTH STAPOIDSHIBE AND EASY WONGENERSHIBED DISTRICT.—This district is now inspected by Mr. J. P. Baker, but the greater portion of the labour during the period reported upon has fallen upon Mr. Lionel Brough—the newly-appointed Inspector not having entered upon his duties until October. Mr. Brough reports that the year exhibits a diminution to the aximation of eighteen deaths, as compared with the preceding year; nevertheless, the total predesing of the property of the producing comparatively, not avery jurge supply of cell,. It is to be remarked, however, that the two counties, now under notice certainty contain more working pits than are released to the producing comparatively, not avery jurge supply of cell,. It is not be remarked, however, that the two counties, now under notice certainty contain more working pits than are released to the producing of the producing comparatively, not avery jurge supply of cell,. It is not be remarked, however, that the two counties, now under notice certainty contain more working pits than are released to the producing comparatively, not avery jurge supply of certainty contain more working pits than are released to the producing comparatively, not avery jurge supply of certainty contains an expect of the pits of whatevers that the variety of the pits of whatevers that they are produced to the pits of whatevers that they are the pits of the pits of whatevers that it and to a wave with the use of single link chain. Highly the districts are produced to the pits of whatevers that it are the pits of the pits of whatevers that it is not be a part to the pits of the pits of

MINING NOTABILIA.

[EXTRACTS FROM OUR CORRESPONDENCE.]

THE MARAZION DISTRICT—THE PRODUCTIVENESS OF LODES IN THIS DISTRICT.—The present mining community are not aware to what extent the mines in this locality were wrought, or the amount of metallic ores raised therefrom in former times. A little to the north-west of Marazion was the Old Wheal Darlington Mine, at one period rich in the as well as copper ores; on the same lode was Wheal Chippendale, a mine of some importance; east of Wheal Chippendale, Wheal Virgin, a tin and copper mine, also productive of tin and copper ores, although not extensively wrought, owing, principally, to the exorbitant dues demanded by the lords; east of Wheal Virgin is the Rodney Mines, formerly a portion of the Marazion Mines; West Rodney was a rich mine for many years, and the principal support of the district; east of these mines the Treguritha Downs Mines were partially wrought, yielding both it and copper ores; further east the Owen Vean Mine, in the year 1830, was wrought by the Marazion Mines Company, and yielded a large quantity of copper ores, and the third time worked; east of this mine the Hallamanning and Croft Gothall Mines were very productive about 70 years ago. All the foregoing mines are supposed to be wrought from one lode, and yielded mineral to the amount of three to four millions sterling; but the run of mines a little further north are said to have been much richer—Wheal Fortune, Wheal Prosper, Trevarthen Downs Mine, Penberthy Crofts Mine, Ennis Wheal Virgin, and the Godolphin, and yielded principally copper ores to the value of nearly six millions sterling. No doubt but some good mines will again be discovered in this district.

WHEAL SHEPHERDS.—This mine has been inspected and favourably reported upon by Capt. James M. Champlou, who describes the company's property as progressing satisfactority. Smith's shop, carpenter's shop, and count-house are exceted.

WHEAL SHEPHERDS.—This mine has been inspected and favour ably reported upon by Capt. James M. Champiou, who describes the company's property as progressing satisfactority. Smith's shop, carpenter's shop, and count-house are erected, and they are now sinking a surface shaft to come down on the back of the adit level, which has been driven some distance on the course of an east and west lode, from which some good saving work for silver-lead ore has been produced. The lodes of Great Retallack and Duchy and Peru pass through Wheal Shepherds, and there are other valuable lodes, which will be intersected when driving is resumed. From the present appearance of the lode in the adit level, and the character of the surrounding mines, Capt. Champion cannot see why Wheal Shepherds should fail.

SOUTH WHEAL KITTY (Lelant).—The last report from the agent on the mine, which we insert in this week's Journal, must be very satisfactory to the shareholders, who, at no distant period, are likely to have opportunities of selling—if they wish to sell—at a good profit. Of late the shares have been standing under par; but, as tinstuff will shortly be brought to the stamps, or sold as "staff," the character of the mine will rise in the estimation of the public, and the shares, consequently, become valuable. Captain Samuel Mitchell, who is a very good tinner, has the utmost confidence in the concern, and so have all the agents who have inspected it. The district of Lelant, in which the mine is situate, stands pre-eminent as a tin district. The mine is near Wheal Margaret, Wheal Mary, Wheal Kitty, and Wheal Reth, all of which have yielded large profits, and are well known to the readers of the Journal.

OLD TOLGUS.—The lode in the 52 west fell off a little since last report, but is again improving, and is now worth full 1 ton of good ore per fathom, with every

prospect of an increase. The lode in the 42 is 2½ ft. wide, composed of a congenial spar, and some good yellow copper ore, and improving. The 52, on new lode, is increasing in size, and is producing blende and mundic.

GREAT WHEAL ALFRED.—At the meeting before the last, I quite agreed with what Mr. Hollow stated about the mine, and that as they then had so rich a course of ore in the winze sinking below the 210, the 220 should certainly be driven on, and the ground laid open. As, however, it appears that that winze became poor, and four others also began rich became poor, it plainly shows that the ore in the 210 is only a "floor," or that it dips west far too fast to be ever profitably worked without a new shaft from surface, and that, in the present state of affairs, cannot be thought of. I, therefore, can see no alternative that the committee could have come to other than to stop.—A SHARHOLDER: Aug. S.

NORTH ROBERT is now looking well, more especially the tin lode, which sworth 201, per fm., and likely to further improve. The north tin lode will be seen shortly, and it is hoped that North Robert will become a good mine, and the patient shareholders will be repayed for their great outlay.

THE TRESELLYN AND SCADDICK TIN AND COPPER MINES.—Mr. James Lane's notice, in last week's Journal, of the highly promising development of these mines has been confirmed by further accounts received this week. The manager's report will be found under the usual head. Specimens of the tin, taken from the new discoveries, reached the office on Thursday. They are described as equal in bulk and quality of root to any ever opened in Cornwall at a similar depth. These mines possess somewhat peculiar advantages: they consist of two soits, worked by one water-wheel, which is erected on the junction ground, and communicates by rods with the copper shaft in the Tresellyn and with the tin shaft in the Scaddick, having only one set of buildings, one manager, &c., yet fully efficient in all respects for extending operations, so that with g

ize and value—2 tons per fathom. The men are driving east of the cross-course south, nd are in daily expectation of intersecting the lode, a large stream of water issuing rom the end. In driving to hill on the intersection greater depth from surface will be obtained, and it is anticipated a more productive lode.

East Treskerby.—The working of North Treskerby Mine has led to

East Treskerby.—The working of North Treskerby Mine has led to the occupation of a large area of mining ground in all directions. Nearly the whole of the manor of Gooneare (1000 acres) has been leased to Scorrier Consols, North Hallenbeagle, Tregullow Consols, East Treskerby, and other mining companies; and in all of these mines the prospects are good, there being in sight mineral in all of them. Within the last few days a copper lode has been cut in East Treskerby of the most promising appearance. In a very short time, it is believed, this mine will figure in the Ticketing Paper. I congratulate the company on their prospects.

At NORTH WREY they have a discovery which may lead to great importance. In cross-cutting from the 38 an east and west copper lode, 3½ ft. wide, has been gained and opened upon about 1½ fm., composed of gossan, white prian, tron, quartz, and mundle. A stone of the gossan has been assayed by Mr. R. W. Jenkin, of Callington, who certifies that it contains—Copper, produce 1½ per cent.; silver, 9 css. 6 dwis, 16 grs. to the ton; gold, nil; and adds, "the copper produced is from the small particles of malleable seen in the stone." The same lode has been cut in the new shaft. This is a great discovery, as they have now a junction of three lodes within a few fathoms east of the new shaft.

CLARA UNITED.—By a little discretion on the part of the agent (Capt. CLARA UNITED.—Dy a little discretion on the part of the agent (Capt. Lester), the grievance of an old tenant occupying a woolien factory on this set has been this week removed. The dispute arose from its water-course cutting off the requisite supply to an old leat which fed a wheel attached to the factory. The disputants being obstinate, the works of the mine were stopped for several months by an injunction of the Court of Chancery, and many poor families were necessarily thrown out of employ. We are pleased to be enabled to award this descring notice of the wisdom of the concession, by which this difficulty has been permanently and very inexpensively removed. Great Crinnis.—The lode in the 100 west is still improving; it is being carried for about 7 feet wide, is producing a very congenial spar and yellow cop-

the Court of Chancery, and many poor families were necessarily thrown out of employ. We are pleased to be enabled to award this deserving notice of the wiscon of the concession, by which this difficulty has been permanently and very inexpensively removed.

GREAT CRINNIS.—The lode in the 100 west is still improving; it is being carried for about 7 feet wide, is producing a very congenial spar and yellow copper ore, and is giving every indication of being near a great course of ore. About 40 tons of copper ore will be sampled on Monday.

SOUTH TREBAYEAN.—What absurd fluctuations occur in the mining market 1 A few months ago the shares in this mine, with 10s, paid, were selling at 25s., and now, with 27. is. 65. paid, the shares may be had at 1s. 6d.; and yet the mine is reality just in the same state as when first as sold. The lode was, and is, kindly for copper, and a rich deposit may be near. I advise the company to try the mine, and not be frightened out of their shares by the talk of inexperienced persons.

WHEAL HEARLE.—I am glad to see, by Mr. Hollow's note of last week, that this mine progresses so steadily and well. I hear that the mine is now giving a profit, and in these times it is quite refreshing to be connected with an adventure so promising—elving a profit with the great drop in thi, and holding out promised large dividends.—A New Shareholden: American and the series of the Caradons, but on the same range of granite hills. There is at this mine an immense timy lode, 20 feet wide; all the workings have hitherto been carried on above the water level, and without steam-power. Water-wheels of great power, turning sixty heads of stamps, railway, and other appliances, are complete, and when some arrangements have been made for the safe working of the mines, it is not improbable that, with a slarge application, and the surface, which is sinking on a cross-course to a lode of malleable copper. In the 80 west, the lode is 4 ft. wide, composed of quartz, chlorite, munde, and spots of copper over. This lode i

to South Wheal Ellen, previously of Aired Consols, theretofore of the Audley Mines, in Ireland, a man of sound judgment in mining.

THE NORTH HAFOD, OR DEVIL'S BRIDGE MINE.—The mines of Cardiganshire have been so distinguished by their success for so many ages, that't may not be amiss to the readers of the Journal to give some account of the construction of lodes that have led to such great results, and that have made the fortunes of so many succeeding generations of miners. I would premise these observations by noticing that the slate in which these veins are embedded is the oldest member of the family of slate, much older than the Cornish, which is only contemporaneous with the old red sandstene, which it is the cornish, which is only contemporaneous with the old red sandstene, which is that we inhabit, is millions of years younger than the Cambrian slates, which is the rock in which the Cardiganshire lodes are embedded, and it is reckoned by Sir R. I. Murchison and Sir H. De la Beche to be upwards of 3000 fathoms deep. If the lodes continue productive through this mass of rock, and I have no doubt they do, although the notion is pooh-poched by some clever geologists, it is clear that the deepset mine in Cornwall may be considered as only representing the infancy of mining, when compared with mines that in the future of the world's history may be worked in these deep slates. The lodes of this rock are some of them as gigantic as the accumulation of strata in which they exist. The Welsh Potosi lode is made up of lamins 84 feet in thickness, or, as we say in Cornwall—and for all I know, it may be the best way of expressing the size of a vein—it is 84 feet big. The Brondoyd lode is 60 feet wide, rity. The Goginan silver-lead lode is from 18 to 20 feet in width, and I have seen this vein a mass of solid silver-lead ore for the foult with the lodes unally acceptable of the peculiar lodes of Cardiganshire, the ore being not have seen this vein a mass of solid silver-lead ore for the full width, although the lodes u

Holloway's Pills—Strength Restored.—At this season many per-HOLLOWAY'S PILLS—STEENGTH RESTORED.—At this senson many persons suffer from prostration of strength, arising in general from some disturbance of the digestion. In such cases the alterative properties of Holloway's pills exert the happiest effects in renewing digestive vigour. It is wonderful to witness how the pale and emaciated gain colour and weight under a course of these purifying pills. They stimulate the appetite, augment the secretion of gastric juice, regulate the liver, cleanse the kidneys, and act as gentle, yet efficient, aperients, without griping, weakening, or inconveniencing the system. In a vast majority of cases of debility, arising from no perceptible cause, Holloway's pills, judiciously taken, slowly and certainly restore order, and the invalid soon becomes stout and strong.

THE CENTRAL SNAILBEACH MINING COMPANY (LIMITED).

Capital £10,000, in 10,000 shares of £1 each.

Deposit, 2s. 6d. per share, payable at Mesors. Booke and Co.'s, Bankers, 8 upon application, which will be returned if no allotment be made to the τ detailed prospectus, see Mining Journal of July T_i and Messrs. Phillips and Daton's report appeared in the Journal of July 14.

ness, copies of the report, and plans of the sett, with further information, from Mr. Joy, Mr. David Davies, or Mr. Richard Wardman, all of Spahlre; Messre. Phillips and Darlington, 26, Gresham-street, London dersigned, to whom all applications for shares are to be made. Early aprequested.

SAM. HARLEY KOUGH, ed fr s whom all applications for shares are to be made. Early appli-SAM. HARLEY KOUGH, Shrewabury and Church Stretton, solicitor to the promoters. Aug. 7, 1861.

Dodds' Iron and Steel Patent Licensing

S company is PREPARED to GRANT LICENSING COMPANY (LIMITED).

Is company is PREPARED to GRANT LICENSES on moderate terms for the of their PATENT for STEELING RAILS, POINTS, CROSSINGS, MACHINERY, VERY DESCRIPTION of IRONWORK.

Process, which is exceedingly reasonable in cost, and gives the most extraordinary lity to the material, has been highly approved of by the following gentlemen, firms, mpanies, several of whom have extensively adopted the valuable improvement:—

ROBERT STEPHENSON, Esq.

JOHN BOURNE, Esq.

J. PERRING, Esq.

THOS. E. HARPERSON.

JOHN BOURNE, Eag.

J. PERRING, Eag.
THOS. E. HARRISON, Eag.
THOS. E. HARRISON, Eag.
THE GREAT INDIAN PENINSULA RAILWAY COMPANY.
THE GREAT INDIAN PENINSULA RAILWAY COMPANY.
MESSIS. STEPHENSON AND CO.
THE EAST LANCASHIRE RAILWAY COMPANY.
THE GREAT NORTHERN RAILWAY COMPANY.
THE MIDLAND RAILWAY COMPANY.
THE METROPOLITAN RAILWAY COMPANY have ordered a large quantity of rails by this process.
The FOLLOWING FIRMS are PREPARED to EXECUTE ORDERS under the DORDRANY abent:—

company's patent:

MESSIRS, S. BEALE AND CO., PARK GATE, ROTHERHAM.

MESSIRS, DODDS AND SON, ROTHERHAM.

MESSIRS, LODH, WILSON, AND BELL, NEWCASTLE-ON-TYNE.

THE EBBW VALE COMPANY, SOUTH WALES.

MESSIRS, LLOYD, FOSTERS, AND CO., WEDNESBURY.

THE ISCA FOUNDRY COMPANY, NEWPORT, MONMOUTHSHIRE.

Applications for Licenses can be made to R. Cooke, Esq., at the company's offices,
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This truly valuable invention is most undoubtedly the only gauge ever invented not affected by those atmospheric changes and many other evil influences, which are the bane of all spring, mercurial, and compressed air gauges.

The grand principle of the gauge being founded upon that sublime law of nature, "GRAVITT," which, like all other natural laws, is unerring and unchangeable—it must continue to indicate correctly to an indefinite period of time.

After most critical trials and examinations by some of the most eminent locomotive and stationary engineers, mining and manufacturing companies in this kingdom, it is pronounced by them to be "THE ONLY TRULY INDICATING GAUGE NOW IN EXISTENCE,"

30, COOPER STREET, MANCHESTER, Mr. Wm. Tate, Sole Wholesale Agen, MANUFACTORY.

ALBION TURRET CLOCK WORKS, SALFORD, MANCHESTER.

CAPITALISTS .- MESSRS. LEICESTER AND CO. INSPECTORS and VALUERS of MINES, &c., MEBOURNE, VICTORIA OFFER THEIR SERVICES to SELECT and INVEST CAPITAL in MINING PROPERTIES, for which they charge 2½ per cent.; and they also COLLECT and TRANSMIT the DIVIDENDS, charging £5 per cent. on their amount. Messra. LEICESTER and Co. earnestly call the attention of capitalists to the many opportunities they possess of nvesting, to pay from £50 to £150 per cent. por annum. Sums under £50 will be charged extra. All remittances must be made through our agent, Mr. RIGMARD MID-LETOR, Mining Journal office, 26, Fleet-street, London; or direct through our bahkers the Union Bank of Australia.

ST. JOHN DEL REY MINING COMPANY.

ST. JOHN DEL REY MINING COMPANY.

MINERS' PESTIVAL AT MORIO VELRO, IN THE PROVINCE OF MINAS GERRES, IN BRASIL.

On June 24 the annual festival took place at Morro Volho, at the establishment of the 8t. John del Rey Mining Company, when the superintendent, Mr. Gordon, gave a general holiday. The grounds were thrown open to the inhabitants of the neighbourhood, who were invited to attend. The day broke with a dense fox, which is customary hold, who were not superintendent of the neighbourhood, who were invited to attend. The day broke with a dense fox, which is customary hold, who were the company in the control of the superintendent, to wait the arrival of the expected company; about half-past to o'clock the Barao de Sabara, accompanied by the Guarda Mor, arrived, when the superintendent and officers welcomed him. On proceeding to the dining half, prepared and decorated for the occasion with the variegated foliage so plentiful in this country, and adorned with the national flags of England and Brazil, Mr. Gordon expressed to the Barao his gratification to see the two flags so closely associated, and the hope that the two nations may ever remain as closely connected in amity and commercial relationship. The Barao was then conducted by the variety of the superintendent of the province and their amilies, the procession being felb yith band. As his Excellency passed the flags were lowered, and salutes were fired, and he was met and cheered by the superintendent), where a large course was cleared for the amisements, which were conducted under the direction of Captain Treioar, Mr. Symons, and Mr. Rowe. The course was cleared with the amisements, and a large course was cleared for the amisements, which were conducted under the direction of Captain Treioar, Mr. Symons, and Mr. Rowe. The course, surrounded with banners—and enteried by posts and chains, shaded by branches of the superintendent), where a large course was cleared for the samesense was cleared for the amisements of the course, and the special particular to t

time the frequent report of freworks was heard. The festival closed by dances, in which the whole of the employée united. It is but just to state that while it lasted the conduct of the men was unexceptionable, no excess in word or act was observed, although strong liquors were at the command of all. No police were to be seen, and the houses of the inhabitants were totally described. Some are known to be without locks, and yet

nothing was missed.

On June 26 the works again became the scene for an entertainment of the children the Europeans employed under the company, when they were regaled with tes, warlety of delicacies. Although some were absent, there was a large congregation children, and their appearance was decorous, healthy, and joyous. They were an with out-door games, suitable for the occasion, and in the evening a concert was by the members of the Harmonic Society, under the direction of Mr. Meadows, the state of the second of the control of the contro

by the members of the Harmonic Society, ander the direction of Mr. Meadows, the cuter medical officer, who previously entertained the members to a dinner. During the evening the superintendent and the Rev. E. Puttock (the company's chaplain) addressed the children and their parents, alluding to the library and its funds, and the various means for their improvement, and a very pleasant evening terminated at an early hour. Whilst the bulk of the people of the establishment were enjoying the amusements above referred to, the machinery of the mines, watched over by a very few persons, was kept in full operation, and the important results, amounting to the production of about 150 cms. of gold per day, were, through judicious arrangements, in no way interfered with.

MINING IN NOVA SCOTIA-PRINCE ALFRED'S VISIT TO THE ALBION MINING IN NOVA SCOTIA—PRINCE ALFRED'S VISIT TO THE ALBION MINES.—The reception of the Prince, on July 16, was most enthusiastic. On the following morning the party inspected the various mechanical departments on the surface belonging to the mines, and manifested much interest respecting the relative nature of each department. Having completed the surface inspection, they descended the Dalhousle shaft for a stroll in the underground workings, which was protracted for some time, owing, no doubt, to the fact that this vein of coal is unequalled in the world, being 33 ft. in thickness, and of uniform quality throughout. His Royal Highness appeared to take a deep interest in the novel and ingenious application of underground machinery for a cilitating operations, and put many important queries respecting them. In one of the bords the Prince took up one of the picks and laboured freely for some time with it on the face of the coal, producing a nice specimen with his own band labour, which he care-mily secured.

Miner's Association of Cornwall and Devonshire.

INER'S ASSOCIATION OF CORNWALL AND DEVONSHIRE.—The following are the RESULTS of the EXAMINATIONS the SCIENCE AND ART DEPARTMENT of the COMMITTEE of COUNCIL EDUCATION:— CHEMISTRY

SUNDI	VESTON I INORGAN	TIC CHEMISTRY.	Medals, or
Name.	Residence.		Oneen's Prizes.
HENRY WILLIAMS, Jun	Alma, Truro	RICHARD PEARCE	Second Class.
ALFRED BLENKINSOP	St. Agnes	ditto	Third Class.
RICHARD B. SECULE	St. Just	ditto	Third Class.
JOHN BRYANT	St. Agnes	ditto	Passed.
JAMES ROACH	St. Just	ditto	Passed.
JOHN ROWE	St. Just	ditto	Passed.
WILLIAM ROWE		ditto	Passed.
	MECHANICAL P	HYSICS.	
	ISION I.—THEORETI		
HENRY MIDDLETON	Redruth	CHARLES TWITE	Second Class Silver Medal.
WILLIAM SEMMONS, Jun	Redruth	ditto	Third Class.
WILLIAM D. HOCKING	Redruth	ditto	Passed.
JAMES WICKETT	Redruth	ditto	Passed.
RICHARD W. RUCKARD		ditto	Passed.
0			

	HENRY MIDDLETON Redruit HENRY CHARLES CARNELE Redruit	h	ditto		First Class.
	WILLIAM D. HOCKING Redrui	h	ditto	****	Second Class.
1	. MINERALOGY, AND	ITS APP	LICATION TO MI	NING) .
	HENRY WILLIAMS, Jun Truro			{	First Class Silver Medal.
	JOHN ROACH St. Ju				Second Class.
	RICHARD SEARLE St. Ju	st	ditto		Second Class.
	JOHN HANCOCK, Jun St. Agr	108		****	Third Class.
	JOHN ROWE St. Just		ditto ·		Third Class.
2	ALFRED BLENKINSOP St. Ag	nes	ditto	****	Passed.
	JOHN BRAY St. Ag				Passed.
	JOHN BRYANT St. Ag				Passed.
	RICHARD DAVIES St. Ag	nes	ditto		Passed.
	WILLIAM ROWE St. Ju	st	ditto		Passed.
	WILLIAM WHITE St. Ju	st	ditto		Passed.
	ROBERT	HUNT. V	lee-President and	Gener	al Hon See

SUBDIVISION II .- APPLIED MECHANICS

BOROUGH OF LIVERPOOL,

LENDERS FOR SUPPLY OF STONE.—The Health Committee of the Borough of Liverpool are willing to RECEIVE TENDERS for the SUPPLY STONE for PAVING and for CHANNELS, CURBS, and CROSSINGS, as also for LAGGING the FOOTWAYS of the BOROUGH.

LAGGING the FOOTWAYS of the BOROUGH.
Full particulars as to the quantitles likely to be required, and all other information, gether with form of tender, may be obtained on application by letter to JAMES NEW-ANDS, Esq., Borough Engineer, Public Offices, 2, Cornwallis-street, Liverpool. The minittee do not bind themselves to accept the lowest or any other tender.
Tenders, scaled and endorsed "Tender for Stone," addressed Health Committee, to be elivered at the office of the Town Cierk, as under, on to before the 14th of Sept. next.

By order, WM. SHUTTLEWORTH, Town Cierk.
Public Offices, Cornwallis-street, Liverpool, August 5, 1861.

ONDON AND NORTH-WESTERN RAILWAY .- Notice ONDON AND NORTH-WESTERN RAILWAY.—Notice

Is hereby given, that the NEXT HALF-YEARLY GENERAL MEETING of
the London and North-Western Railway Company will be HELD at the Euston Station,
ondon, on FRIDAY, the 23d day of August, 1861, at Twelve o'clock at noon precisely,
or the transaction of the general business of the company; and after such general busiess is concluded the meeting will be made special, for the consideration of, and, if aproved, smeltoning a subscription by the London and North-Western Railway Company
of £10,000 towards the construction of the Watford and Rickmansworth Railway, under
the provisions of the Watford and Rickmansworth Railway Act, 1860.

Dated July 31, 1861.

J. P. BROWN WESTHEAD, Deputy-Chairman.
CHAS. E. STEWART, Sec.

Offices, Euston Station, Londo

OUTH-EASTERN RAILWAY.—The Directors of the Supth-Eastern Railway Company are PREPARED to RECEIVE TENDERS for the SUPPLY of about SEVENTY-FIVE THOUSAND TONS of COKING COAL, to be delivered free on board at the port of shipment, or in the ports of Folkestone, Whitstable, and Streed.

able, and Strood.

Forms of tender may be had on application to the Storekeeper, London Bridge Terminus Sealed tenders to be sent in on or before Wednesday, the 21st inst., endorsed "Tender Coking Coal," and addressed to the undersigned.

S. SMILES, Sec. London Bridge Terminus, August 8, 1861.

TIMSBURY COAL WORKS .- WANTED, a CLERK and ACOUNTANT, to MANAGE the above WORKS and KEEF the BOOKS of company, and also to DISCHARGE the DUTIES of TRAVELLING AGENT, hto be exclusively devoted to them. Security will be required. Character and recess must be unexceptionable. Applications, in writing, stating salary required, are addressed TIMSBURY COAL COMPANY, Timsbury, pear Bath, and must be sent in on audressed Timsbury Coal Company, Timsbury, near Bath, and must be sent in fore the 24th inst.—Timsbury, August 5, 1861.

THE SMELTING REDUCTION LIME AND COAL COMPANY (LIMITED)—AGENT WANTED.—WANTED, an AGENT for the SALE of STEAM COAL and SLACK, produced from the BRINCOED COLLEEY, sear MOLD.—Applications, stating terms, including providing wagons to receive the coal and slack as they are won at the pit mouth, to be delivered to the undersigned, pefore Wednesday next, at Nine o'clock a.m.

3, Cable-street, Liverpool, August 8, 1861.

3, Cable-street, Liverpool, August 8, 1861.

TO CAPITALISTS IN CONNECTION WITH THE
COAL AND IRON TRADES.—WANTED, by an IRON an COALMASTER, a
PARTNER or PARTNERS, who can furnish about £10,000 by instalments, and keep
£5000 to be further brought in, if required, within a period of two or three years, making
together £15,000, for a MOIETY of a PIG IRONWORK and EXTENSIVE COAL
WORKS in WALES, which are capable of an immediate return, and with a little further outlay (part of the capital now required) will make a profit exceeding £20,000 per
annum fixed, certain, and free from risks. The property is a most eligible one, on the
South Wales Railway, near the best Welsh ports, within an 8s. ride of London, and
where forge pig and foundry pig of the best quality, as well as tin-plate pig-Iron, can be
made at an average cost of 36s. per ton, and coal put in the railway wagons on the rail
at 3s. per ton, with most extensive markets open. The property is extensive, and contains abundance of the best coal, house, steam, iron making, and coking, as well as black
band, claystone, and hematite ore, of which there is a fine field, known as the Liantriasant Mine. The railway passes through the property.—Apply to "E. D.," Mingle
Journal office, 26, Fleet-street, London, E.C.

COMMISSION, SECOND-HAND and NEW ENGINEERS' TOOLS, MACHINERY, STEAM ENGINES, BOILERS, MILL GEARING, SHAFTING, RALLWAY, and OTHER PLANT, &c. Parties having property of the above description to dispose of will find the readlest mode of sale by consigning the same to the stores of WHEATLEY KIRK and Co., Albert-street, St. Mary's, Manchester. N.B.—Particulars of all property so consigned are inserted gratuitously in WHEATLEY KIRK and Co.'s Weekly Circular.

TO BE SOLD, very cheap, TWO ROTARY STEAM ENGINES, cylinders 24 in. diameter, 24 ft. long, with connecting wheels for working together, or may be used separately. These engines would be very suitable for sinking a pit, or for any temporary purpose where great power was required at little cost, requiring no foundation for fixing. They may be run up to 80 revolutions per minute. ONE 10 horse powor double cylinder PORTABLE ENGINE, by Clayton, Shuttleworth, and Co., with travelling gear, tender, and water cart.—Apply to Messrs. WM. Savour and Son, High Orchard Works, Docks, Gloucester.

LEAD MINES IN MERIONETHSHIRE.—Some VALUABLE
LEAD MINES are OFFERED FOR LEASE, upon highly favourable terms.
There are THREE LEAD MINES beneath the farms of Tyddyn-y-Priddell, Bryn-dinas Dyffryn-gwyn, and Raltilwyd, in Merionethshire, which are offered for 21 years, for £2000 and a royalty of £1 per ton. The ladles who own the mines have exhausted their capital, and are consequently unable to extend the level, which was commenced and had nearly reached the lode before their father's death. Already 100 tons of ore have been raised from the mine, although the deepest winze is but 15 fms. Lead ore has been discovered for a length of 400 or 500 fms., and no doubt is entertained that with a good trial the mines will turn out well.—Apply to Miss Morris, Maengwyn-street, Machynlieth; or to Capt. W. WILLIAMS, Ponterwyd, near Aberystwith.

NEW COLLIERY, NAILSEA, NEAR BRISTOL.

FOR SALE, BY PRIVATE CONTRACT, the WHOLE of the PLANT and MATERIALS at the above collety, comprising—
ONE HIGH PRESSURE DIRECT ACTING PUMPING ENGINE, cylinder 45 in. in diameter, and 16 ft. stroke
ONE HIGH PRESSURE WINDING ENGINE and gear, cylinder 12 in. diameter.
ONE HIGH PRESSURE WINDING ENGINE, cylinder 16 in. diameter.
ONE HIGH PRESSURE WINDING ENGINE, cylinder 16 in. diameter.
ONE CYLINDRICAL BOILER, 18 ft. by 4 ft.
ONE CYLINDRICAL BOILER, 19 ft. by 3 ft. 6 in.
Hammered iron pumping cranks, T bobs, 19 in., 14½ in., 5½ in., 5 in., and 4½ in.
foring, illing, and hand pumps; hammered iron straps, double straps and tail joints, backets, clacks, wrought-iron cistern, lifting screws, chains, large capatan, double-power crab winch, 80 fms. 10½ capatan rope, 8 in. capatan and other ropes, blocks, boring tools, wrought-iron air pipes, tram plates, smiths' bellows and tools, wsgons, carts, &c.
To view, apply at the colliery; and for all further particulars, to Boddam Castle, Esq., No. 29, Corn-street, Bristol.

TO BE LET, several VALUABLE MINING SETTS, on

TO BE LET, several VALUABLE MINING SETTS, on the holding of the Executors of the late John Burton, Eag. The present lease expires on the 29th September next. Future lessess may, therefore, commence operations immediately after that date. Lead ore is wrought from every mine in operation on the estate Applicants will see on inspection that the property is magnificently intersected with veins, from which large quantities of ore may be extracted to a handsome profit.

Also, To Be LET ON LEASE, the STEDDFOD LIMESTONE, ROCKS, and KILNS. The Great Western Railway (Minera branch) is in immediate proximity to the property, and for a small outlay a branch line or siding might be made to reach the lime klins and the face of an inexhaustible limestone quarry, from which a vend of 100,000 tons per annum might be wrought with ease. It can be confidently stated that the quality of the Minera lime cannot be surpassed in any respect. Possession of the rock klins and mining setts will be given in October next.

Tenders must be sent in up to the 29th September, to the agent, Mr. Shone, who will accompany eligible parties to Minera to inspect the property.

N.B.—Surface lands to the extent of 184 acres, with substantial farm buildings, can be let to parties taking the rocks and kilns.

CARDIGANSHIRE.
THE BRYNGLAS SILVER-LEAD MINE.

THE BRYNGLAS SILVER-LEAD MINE.

M. R. WILLIAM HALL is instructed to sell the above, BY PUBLIC AUCTION, at the Fox Hotel, Strewsbury, on Thursduy, the 16th August, 1861, at Two o'cicck punctually, in One Lot.

The property, which is situate about 12 miles from the port of Aberystwith, and adjoining the mail road to that place, comprises the BRYNGLAS SILVER-LEAD MINE, and the whole of the recently-erected and very VALUABLE MACHINERY (in excellent condition) and MATERIALS, comprising a WATER WHEEL, 36 ft. by 4 ft. breast; a crusher, complete; a drawing machine, 28 fms. of 2 in. rods, chain and kibbles, 25 fms. of 8 in. pumps, 25 fms. of 1 adders, 7 new jiggers, all complete; alime troughs, 7 cwis, cast-steel, 1 ton bridge rails, miners' tools, &c. Also, a counting-house, blacksmithy abop, and other buildings.

The engine-shaft is sunk 26 fms. from the surface, and driven 25 fms. north on the course of the lode, from which, and other parts of the mine, a considerable quantity of lead ore has been raised and sold.

There is an abundant supply of water, and the machinery, which is nearly new, is of the very best description.

The lease is held for 21 years, from the 25th December, 1858, and the royalty is 1-18th. The mine and machinery may be viewed on application to Capt. Owen, at the emic of whom particulars may be had; also of Mr. John Wade, the secretary, at the offices, Claremont, Shrewsbury.

VALUABLE and IMPORTANT ESTATE, containing about 225 acres, at HEDWeel.

VALUABLE and IMPORTANT ESTATE, containing about 225 acres, at HEDNES.
FORD and LEACROFT, in the PARISH of CANNOCK, STAFFORDSHIRE, including the celebrated HOTEL, the "CROSS KEYS," at Hednesford, HOUSES, and
OTHER BUILDINGS in the village, and LANDS immediately in connection with and
adjoining to the Hednesford New Colliery, the Cannock Mineral Rallway, and the
canal wharf and tramway now in course of formation by the Birmingham Canal
Company. ESSRS. E. AND C. ROBINS WILL SELL, BY AUCTION

MESSRS. E. AND C. ROBINS WILL SELL, BY AUCTION, on Wednesday, the 21st day of August next, at the Swan Hotel, Wolverhampton, at Four o'clock in the afternoon, the VALUABLE ESTATE, called the "CROSS KEYS," at HEDNESFORD, the principal part whereof is freehold and a small portion copyhold, containing about 225 acres, including the HOTEL, TRAINING STABLES, FARM and OTHER BUILDINGS, occupied by Mr. John Wilkins and others. Also, various HOUSES, TRAINING STABLES, OTHER BUILDINGS, and LANDS in and about the village, and extending from the Cross Keys Hotel and Mr. Pigott's Hed. nesford New Colliery to the line of the Cannock Mineral Railway. The high road from Cannock to Rugeley passes through the estate.

The recently-constructed railways and canals have already advanced the neighbourhood, and occasioned an extensive application of land for villa and general building purposes. Public works in contemplation will confer still further benefits. The large quantity of coal raised on Cannock Chase, and particularly at Mr. Pigott's Hedenesford New Coillery, adjoining this property, clearly indicates the existence of mines in the estate, and experienced practical miners have reported them of unquestionable quality and great value.

great value. The enclosure of the wastes now in progress will, as in the case of other parishes that have already been enclosed, most materially alter and improve the character and value of the district. The estate will be first offered in one lot, but if not soid, will be immediately put up in about nine lots.

Particulars, with plans and conditions of sale, will speedily be prepared, and may be procured from Messrs. Baikers, Bowker, and Peake, solicitors, I, Gray's Inn-equers, London; Mr. Peake, land agent, Chartley Manor-house, near Stafford; Mr. Baiker, mineral agent, the Pieck, near Waisall; at the Cross Keys at Hednesford; the Swan Hotel, Wolverhampton; and from E. and C. Robins, surveyors and auctioneers, Newstreet, Birmingham.

O BE SOLD, BY AUCTION, at the BALLYVIRGIN MINE, County of Clare, Ireland, on the 29th inst., a first-rate 20 inch cylinder HORIZONTAL CONDENSING STEAM ENGINE, with a 7 tons boiler and outfit, complete;
a CRUSHER, having 24 inch diameter rolls, and connections for same; a HAULING
MACHINE and connections, and pumping connections; by the eminent engineers, Messa,
Nicholls, Williams, and Co., Bedford Foundry, Tavistock. The above engine is in perfect order, and has not been much more than two years in use.

There will also be SOLD the WHOLE of the MINING APPARATUS, consisting of
several large pumps, raliway iron, patent lever weighbridges, wagons, metal castings,
chairs, sheet lead, copper bottomed sleves, copper wire, &c.
Further particulars may be obtained on application to E. Pycroff, Esq., 3, Pinner'scourt, Old Broad-street, London; Mr. Tionas De La Hunty, Ballyvirgin Mine, Ennis;
or Mr. Rich, Pearson, auctioneer, Ennis. Ballyvirgin Mine is midway between Ennis
and Tulla, in the county of Clare.—Ennis, July 22, 1861.

NORTH WALES

NOETH WALES.

TO CAPITALISTS.—A VALUABLE COPPER MINE, near PORTMADOC, county of CARNARVON, 'TO BE DISPOSED OF, BY PRIVATE CONTRACT. This mine is distant about eight miles from the shipping port of Portmadoc, and has been constructed to distant about eight miles from the shipping port of Portmadoc, and has been constructed to within a mile and a half of the mine. The use thereof, for the transition of all minerals and goods between the mine and shipping port, is secured at 1s. 6d. per ton. This invaluable acquisition, as compared when last worked, facilitates the development of the mine beyond conception. There are several drivings or levels driven to prove the ground, and also a sink, which exhibits a lode or vein of excellent copper ore, of from 10 to 12 in, wide, and continually widening as it deepens. The ground possesses every indication of its abounding in ore. Capitalists will find this a most secure and profitable investment, at a comparatively small outlay.

Also, a VALUABLE SLATE QUARRY, situate at the entrance of the celebrated Namite Vale (where are the most renumerative) slate quarries in the Principality of Wales, in proportion to their extent), is within eight miles of the shipping port of Carnarvon, two miles of which is a good turnpike-road, to which the quarry is contiguous, and the remaining six miles is a tramroad for general use. The quarry has been opened many years ago, and worked to profit; it consists of sizable beds of slates, of excellent quality, being a continuation of the celebrated Kilgwyn vein. There is no doubt of its becoming a profitable concern, without undergoing the risk and expense of opening.

For further particulars concerning the mine and quarry, apply to Mr. John Joses, draper and grocer, near Dolbenmaen, Carnarvon.

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DERBYSHIRE.

THE ALDERWASLEY FORGE AND WORKS, NEAR THE AMBERGATE STATION ON THE MIDLAND RAILWAY.—TO BE LET, on a lease for 7, 14, or 21 years, and may be entered upon immediately, the above-mentioned FORGE and WORKS, with the STORE ROOMS, OFFICES and BUILDINGS, ROLLING and SLITTING MILLS, on the bauks of the River Derwent, in the liberty of Alderwasley, and the WATER-WHEELS of 70 horse power and MACHINERY belonging thereto, late in the occupation of Messrs. Mold, who for nearly 50 years carried on a lucrative and extensive business as ironmasters at the said works, together with a newly-erected MESSUAGE, or DWELLING HOUSE, very pleasantly situated near the said works, with the green-house, stables, coach-house, and engital garden belonging thereto, and upwards of 30 acres of excellent land, and 15 workmen's houses and counting-house, near or contiguous to the works.

The works are situated within half a mile of the Ambergate station on the Midland Raliway, and the Cromford and Belper turnpike-road, the branch raliway from Ambergate to Rowsley (on which there is a siding and wharf for the use of the works), and the Cromford Canal (attached to which is a wharf also for the use of the works), and the Cromford canal (attached to which is a wharf also for the use of the works), and the Cromford canal (attached to which is a wharf also for the use of the works), and the parallel therewith and immediately contiguous thereto, and afford excellent railway and canal transit to and from London, Leeds, Nottingham, Derby, and all parts of the kingdom; and the extension of the railway from Rowsley to Buxton, now in progress, will give a direct communication with Manchester, Liverpool, &c.

The works are also available for swe, mills on an extensive scale, or for any other pure pose requiring power and facility of transit.

For further particulars, and to treat, application may be made to Mesars. Woodnows

to requiring power and facility of transit.

For further particulars, and to treat, application may be made to Messrs. Woodnevst JEFFCOCK, civil and mining engineers, Derby: or at the offices of Messrs. Nawsold I Son, solicitors, Matlock, from whom tickets may be obtained to inspect the works.

INCRUSTATION OF STEAM BOILERS.—EASTON'S
PATENT BOILER FLUID EFFECTUALLY REMOVES and PREVENTS INCRUSTATION IN STEAM BOILERS, WITHOUT INJURY to the METAL, with
GREAT SAVING in FUEL, and with LESS LIABILITY to ACCIDENT from EXFLOSION. It is used by Her Majesty's Steam Storeships, Woolwich Arsenal, Honourable Corporation of Trinity House, Tower of London, India Store Department, by the
principal Steam Packet Companies of London, Liverpool, Southampton, Hull, &c., and
by engineers, builders, railway companies, and manufacturers throughout the country.
Testimonials from eminent engineers, boiler makers, and manufacturers with full particulars, will be forwarded on application to P. S. Easton and G. Sprinkdyleld, sole manufacturers and patentees, Nos. 37, 38, and 39, Wapping, wall, London, E.

AGENTS IN GREAT BRITAIN. 37, 38, and 39, wappung and agents in Great Britain.
G. Fielden.
J.E.
Leeds, Mr. J. C. P. Westwood.
Leicester, Mr. Benjamin Pochin.
Liverpool, Mr. J. Melmes.
Manchester, Messrs. Morris at

Aberdeen, Mr. James F. Wood.
Ashton-under-Lyne, Mr. S. G. Fielden.
Belfast, Mr. W. T. Matier, C.E.
Birmingham, Mr. Adam Dixon.
Chester, Mr. W. A. Rowland.
Devonport, Mr. Cornelius Boolds.
Dublin, Mr. Wm. Fith.
Frome, Mr. W. B. Harvey, Chemist.
Glasgow, Mr. W. Mutrle.
Hartlenool, Mr. W. T. Cheesmap. W.

Manchester, Messrs. Morris and Princess Chambers. Nottingham, Mr. G. D. Hughes. Oldbury, Mr. C. Tonge, Chemist. Southampton, Mr. Joseph Clark. Southsea, Mr. T. Cheesman. Wexford, Mr. Thomas Hull, Messrs, A. L. Fleming and Co.

Rio de Janeiro, Messrs. Miers Brothers and Maylor, Engineers.

Odessa and South Russia, Mr. W. Baxter, Holland, Mr. Jos. Courlander, the Hague.

EBONITE!-TELEGRAPH INSULATORS made of EBONITE. EBONITE in SHEET, TUBES, and RODS, or manufactured into various atti-of utility and ornament, being calculated to supersede metal, hard woods, and ivery present in use.

INGLA RUBBER.—INDIA RUBBER STEAM PACKING in ROPE, SHEET, INGS, &c., intended for railway and machinery appliances, unvulcanised and vulcanised.

S. W. SILVER AND CO., 3 and 4, BISHOPSGATE WITHIN, E.C.
(Opposite the London Tavern).
WORKS—SILVERTOWN, ESSEX, opposite Her Majesty's Dockyards Woolwich.

ALBERT AND MEDICAL LIFE ASSURANCE,
7, WATERLOO PLACE, PALL MALL, LONDON, S. W.

ESTABLISHED 1838.

The business of the Medical, Invalid, and General Life Assurance Society having been amagamated with the Albert Life Assurance Company, the united business will hereforth be carried on under the above title.

forth be carried on under the above title.

Accumulated fund exceeds

Accumulated fund exceeds

447,180

Paid-up capital

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HENRY WILLIAM SMITH, Actuary.

C. DOUGLAS SINGER, Sec.

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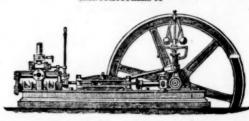
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200 Botallack (tin, copper), St. Just. 91	. 443 5 0 2 10 0—Feb. 1860 . 269 10 0 2 0 0—Feb. 1861 . 0 19 6 0 2 0—Sept. 1860 . 9 0 0 4 0 0—April, 1861 . 0 0 9 0 0 9—July, 1860
1000 Caru Brea (copper, tin), Hiogan† 15 0 9 6 67% 65 70	. 269 10 0 2 0 0—Feb. 1861 0 19 6 0 2 0—Sept. 1860 9 0 0 4 0 0—April, 1861 0 0 2 0 0 9—July, 1860
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2600 Connorree (copper, sulphur) (L. £1). 1 0 34s. 24 2450 Cook's Kitchen (copper), Illogan. 17 9 28 26 27 2250 Cook's Kitchen (copper), Elogana. 17 9 28 26 27 2250 Cook's Kitchen (copper), Eloganal. 25 0 9.5 5 50000 Ditto ditto (stock). 100 0 24 5 6 6 0 9.26 2 6 6 6 6 6 6 6 6 6 6 6 6 2 2 2 2 8 0 0 2 8 0 0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 3 2 2 1 4	0 0 9., 0 0 9July, 1860
2500 Connorree (copper, sulphur) R. £11. 1 0 0 348. 252 272 2450 Cook's Kitchen (copper), Rilogan. 17 0 9 28 26 27 2450 Cook's Kitchen (copper), Rilogan. 17 0 9 25 50000 Ditto ditto (stock). 100 0 24 26 50000 Ditto ditto (stock). 100 0 0 24 1055 Craddock Moor (copper), St. Cleer* 8 0 0 28 26 7 cwm Erin (lead), Cardiganshire* 7 10 9 16½. 128 0 cwmystwith (lead), Cardiganshire* 60 0 9 240 0 128 0 cwmystwith (lead), Cardiganshire* 17 10 0 16½. 128 0 cwmystwith (lead), Cardiganshire* 17 10 0 16½. 128 0 cwmystwith (lead), Cardiganshire* 17 10 0 16½. 128 0 cwmystwith (lead), Cardiganshire* 17 10 0 16½. 128 0 cwmystwith (lead), Cardiganshire* 17 10 0 16½. 128 0 cwmystwith (copper, In), Camborne* 128 17 6 510 15 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0 0 2. 0 0 9 July, 1860
12000 Copper Miners of England	0 0 0 0 0 0 Mam 1001
50000 Ditto ditto (stock) 100 0 0 24 1055 Craddock Moor (copper), St. Cleve* 8 0 0 28 867 Cwm Erfin (lead) Cardiganshire* 60 0 940 868 Cwm Erfin (lead) Cardiganshire* 60 0 940 280 Derwent Mines (sillead), Durham 300 0 180 128 Cwmpsystwth (lead), Cardiganshire* 60 0 940 280 Derwent Mines (sillead), Durham 300 0 180 1024 Devon Gt. Coa. (cop.), Taviat.* (S.E.] 1 0 355 355 Doleoath (copper, tin), Camborne* 128 17 6 510 357 Doleoath (copper, tin), Camborne* 128 17 6 714 518 East Basset (cop.), Redruth [S.E.] * 2 10 0 774 519 East Basset (cop.), Redruth [S.E.] * 2 10 0 774 510 East Darren (lead), Cardiganshire* 32 0 0 6 514 East Cardion (copper), Rs. Cleer (S.E.] 2 14 6 24 2334 244 2334 2444 2334 2444 300 East Darren (lead), Cardiganshire* 32 0 0 6 5260 Eyam Mining Co. (lead), Derbyshire. 5 0 0 - 400 Eyam Mining Co. (lead), Derbyshire. 5 0 0 - 5260 Fox(ale. Isle of Man, Limited (lead) 25 0 0 33 5000 Frank Mills (lead), Devon 31 8 444 5000 Great South Tolgus [S.E.], Redruth 0 14 6 2 2 2 3 4 5000 Great Wh. Vor (tin, cp.), Heiston [S.E.] 40 0 0 6 61024 Herodshof (id.), near Liskeard (S.E.] 8 0 1 3 3 3 3 3 3 6100 Hibernian Mine Company 92 6 2 - 610 Levant (copper, tin), St. Just 2 10 95 610 Levant (copper, tin), St. Just 2 10 95 610 Mount Pleasant, Mold 4 0 94 94 94 610 Mount Pleasant, Mold 6 2 2 134 610 Mount Pleasant, Nold 6 2 2 134 610 Mount Great Work, Breage 1 3 0 4 610 Mount Great Work, Breage 1 3 0 4 610 Work Brich Tor and Vitifer Consols 6 6 6 610 Work Great Work, Breage 1 3 0 4 610 Pary Since (copper), Aunglesey [L.] 5 0 0 610 Pary Since (copper), Aunglesey [L.] 5 0 0 610 Pary Since (copper), A	. 0 8 0 0 8 0-May, 1861 71/2 per cent, — Half-yrly.
128 Cwmystwith (lead), Cardiganshire* 60 0 0 940 280 Derwent Mines (sillead), Durham	
128 Cwmystwith (lead), Cardiganshire* 60 0 0 940 280 Derwent Mines (sillead), Durham	
128 Cwmystwith (lead), Cardiganshire* 60 0 0 940 280 Derwent Mines (sillead), Durham	
280 Derwent Mines (alllead), Firstnam.	. 227 10 0 5 0 0-May, 1861
1024 Devon Gt. Cos. (cop.), Tavist.* (S.E.) 1 0 0 355 345 \$55 345 \$55 358 Boleoath (copper, tin), Camborne* 128 17 6 510 512 East Basset (cop.), Redruth [S.E.]* 29 10 0 77½ 74 76 6144 East Cardon (copper), St. Clere [S.E.] 2 14 6 24 23½ 24¼ 300 East Darren (lead), Cardiganshire* 32 0 0 6 7 23½ 24¼ 300 East Darren (lead), Cardiganshire* 32 0 0 0 6 7 23½ 24¼ 300 East Darren (lead), Cardiganshire* 32 0 0 0 6 7 23½ 24¼ 300 East Darren (lead), Cardiganshire* 32 0 0 0 6 7 23½ 24¼ 300 East Darren (lead), Cardiganshire* 32 0 0 0 6 7 23½ 24¼ 300 East Darren (lead), Cardiganshire* 32 0 0 0 6 5 2560 Fexciale. Isle of Man, Limited (lead) 25 0 0 35 25600 Frank Mills (lead), Devon 31 8 0 4¼ 25 0 0 35 25600 Frank Mills (lead), Devon 31 8 0 11¼ 10½ 11 125	. 142 0 0 5 0 0-June, 1861
358 Doleoath (copper, lin), Camborne****. 128 17 6, 510 512 East Basset (cop.), Redruth [8.2.]***. 29 10 0, 771/6, 74 76 6144 East Caradon (copper), St. Cleer [8.E.] 2 14 6, 24 .237/2 241/4 300 East Darren (lead), Cardiganshire**. 32 0 0, 67 3048 East Wheat Lovell (tin), Wendron 2 10 0, — 1400 Eyam Mining Co. (lead), Derbyshire**. 5 0 0, — 1400 Eyam Mining Co. (lead), Derbyshire**. 5 0 0, — 1400 Eyam Mining Co. (lead), Derbyshire**. 5 0 0, — 1400 Eyam Mining Co. (lead), Derbyshire**. 5 0 0, — 1400 Eyam Mining Co. (lead), Derbyshire**. 5 0 0, — 1400 Eyam Millis (lead), Devon 3 18 0, 41/4. 15600 Frank Millis (lead), Devon 3 18 0, 41/4. 1798 Great Wheat Fortune, Breage**. 18 6 0, 111/4. 101/4 11 15608 Great Wh. Vor (tin, cp.), Helston [8.E.] 40 0 0, 6 1601 Eyam Mining Company 92 6 2. — 160 Levant (copper, tin), St. Just 2 10 0, 95 1600 March Valley (copper), Caradon 4 10 6, 94/4. 1400 Lisburne (lead), Cardiganshire, Wales** 18 15 0, 125 1400 Mining Co. (L.], (ld.), Wrexham 25 0, 18/6 1500 Mining Co. of Ireland (cop., lead, coal) 7 0, 14/4. 1600 Mining Co. of Ireland (cop., lead, coal) 7 0, 14/4. 1600 Mining Co. of Ireland (cop., lead, coal) 7 0, 14/4. 1600 Mining Co. of Ireland (cop., lead, coal) 7 0, 14/4. 1600 North Grambler, Redruth 2 7 6, 6 1600 Nowth Great Work, Breage**. 1 3 0, 44/4. 1600 North Grambler, Redruth 2 7 6, 6 1600 North Grambler, Redruth 2 7 6, 6 1600 North Great Work, Breage**. 1 3 0, 44/4. 170 Parys Mines (copper), Aunglesey [L.], 50 0 0, — 1712 Potberro (tin), St. Agnes 5	. 760 0 0 7 0 0 July, 1861
512 East Basset (cop.), Redruth [8.F.]* 29 10 0 77% 74 16 6144 East Cardon (copper), St. Cleer [8.E.] 2 14 6 24 .23% 24% 300 East Darren (lead), Cardiganshire* 32 0 0 67 2048 East Wheal Lovell (tin), Wendron 2 10 0 — 1400 Eyam Mining Co. (lead), Derbyshire. 5 0 0 — 1400 Eyam Mining Co. (lead), Derbyshire. 5 0 0 — 1400 Eyam Mining Co. (lead), Derbyshire. 5 0 0 35 2660 Foxolale. Isle of Man, Limited (lead)† 25 0 0 35 2660 Foxolale. Isle of Man, Limited (lead)† 25 0 0 35 2660 Great South Tolgus [8.E.], Redruth* 0 14 6 236, 236 35 2600 Frank Mills (lead), Devon 31 8 6 14 14 10 16 2600 Great South Tolgus [8.E.], Redruth* 0 14 6 236, 236 35 2600 Frank What Fortune, Breage 18 6 0 11 16 10 16 2600 Great Wh. Vor (tin, cp.), Helston [8.E.] 8 10 0 38 33½ 31½ 2600 Hibernian Mine Company 2 6 2 — 260 Levant (copper, tin), St. Just 2 9 5 2 260 Marke Valley (copper), Caradon 4 10 6 9½ 9½ 9½ 2600 Marke Valley (copper), Caradon 4 10 6 9½ 9½ 9½ 2600 Mendi Jillis (tead) [L.], Somerset 31 8 0 135 2600 Minera Mining Co. [L.], (d.), Wrexham 25 0 180 2700 Minera Mining Co. of Ireland (cop.), tead, conl 7 0 11½ 2600 New Birch Tor and Vitifer Consols 1 6 6 2 13½ 2 260 Parys Mines (copper), Anglessy [L.], 50 0 0 — 260 Parys Mines (copper), Anglessy [L.], 50 0 0 — 270 Phoenix (copper), Linkinghorne 100 0 435 270 Proberro (tin), St. Agnes 5 5 30 355	. 626 10 0 8 0 0-June, 1861
914 East Caradon (copper), St. Cieer (S.E.) 2 13 0 24 .20% 23% 23% 230 East Darren (lead), Cardiganshire* 32 0 0 67	
2048 East Wheat Lovell (tin), Wendron 2 10 0 — 1400 Eyam Mining Co. (lead), Derbyshire. 5 0 0 . — 24940 Powey Consols (copper), Tywardreath 4 0 0 5 5 5 2660 Faxcidale. Jele of Man, Limited (lead)) 25 0 0 . 35 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
1400 Eyam Mining Co. (lead), Derbyshire. 5 0 0	
4940 Fowey Consols (copper), Tywardreath 4 0 0 5 5 2560 Foxoliale, Lule of Man, Limited (lead)) 25 0 0 3 3 5 5000 Frank Mills (lead), Devon 3 18 6 444. 5000 Great Scuth Tolgus (S.E.], Redruth* 0 14 6 . 234, 274 3½ 1798 Great Wheal Fortune, Breage	20 3 4 0 10 0-May, 1861
2860 Foxdale, Isle of Man, Limited (lead)† 25 0 0 . 33 5000 Frank Mills (lead), Devon	. 41 9 3 0 2 6-June, 1860
5000 Frank Mills (lead), Devon 3 18 6. 4\\ 4\\ \text{.}. \] 6000 Great South Tolgus [S.E.], Redruth 0 14 6. 2\\ 2\\ \text{.}. 2\\ \text{.}. 3 \\ \text{.}. 6 \] 7798 Great Wheal Fortune, Breage 18 6. 0. 11\\ \text{.}. 10\\ \text{.}. 11 \] 6008 Great Wheal Fortune, Breage 18 6. 0. 11\\ \text{.}. 10\\ \text{.}. 11 \] 6008 Great Wheal Fortune, Breage 18 6. 0. 1. 1\\ \text{.}. 12 \] 6008 Great Wheal Fortune, Breage 18 10 0. 38 33\\ \text{.}. 21 \] 6009 Hibernian Mino Company 20 6. 2 20 \] 600 Levant (copper, tin), 8t. Just 2 10 0. 95 \] 600 Marke Valley (copper), Caradon 4 10 6. 9\\ \text{.}. 9\\ \text{.}. 9\\ \text{.}. 9000 Marke Valley (copper), Caradon 4 10 6. 9\\ \text{.}. 9\\ \text{.}. 9\\ \text{.}. 9000 Marke Valley (copper), Caradon 4 10 6. 9\\ \text{.}. 9\\ \text{.}. 9\\ \text{.}. 9000 Marke Mining Co., El., [id.], Wrexham 25 0. 180 \] 6000 Mordin Mining Co., El., [id.], Wrexham 25 0. 180 \] 6000 New Birch Tor and Vitifer Consols 1 6. 2 13\\ \text{.} 2 \] 6000 North Grambler, Redruth 2 7 6. 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	. 61 8 8., 1 0 0-Dec. 1860
6000 Great South Tolgus [S.E.], Redruth** 0 14 6 . 2% 2% 3% 1798 Great Wheal Fortune, Breage 18 6 0 . 11\%. 10\%. 11 1508 Great Wh. Vor (tin, cp.), Heiston [S.E.] 8 0 0 0 . 6 10.24 Herodafoot (dd.), near Liskeard [S.E.] 8 10 0 . 38 . 33\% 34\% 1009 Hhermian Mine Company 92 6 2	. 0 11 0 0 3 0-July, 1861
1793 (1982) When Fortune, presses 15	. 7 13 6 0 5 0-Feb. 1861
5908 Great Wh. Vor (tin, cp.), Helston (S. E.) 40 0 0 6 6 1024 Herodofo (id.), near Liskeard (S. E.) 8 10 0 38 33 ½ 34½ 1009 Hibernian Mine Company 92 6 2 9 5 400 Lisburne (copper, tin), 8t. Just 2 10 0 95 400 Lisburne (copper, tin), 8t. Just 2 10 0 95 400 Lisburne (copper, chardon 4 10 6 9½ 9½ 9000 Marke Valley (copper), Caradon 4 10 6 9½ 9½ 9000 Marke Valley (copper), Caradon 4 10 6 9½ 9½ 9000 Marke Valley (copper), Caradon 4 10 6 9½ 9½ 9000 Minera Mining Co. [L.], (id.), Wrexham 25 0 188 1000 Minera Mining Co. [L.], (id.), Wrexham 25 0 188 1000 Minera Mining Co. [L.], (id.), Wrexham 25 0 188 1000 Minera Mining Co. [L.], (id.), Wrexham 25 0 188 1000 Minera Mining Co. [L.], (id.), Wrexham 25 0 188 1000 Mining Co. of Ireland (copp., lead, coal) 7 0 0 14½ 1000 Mining Co. of Ireland (copp., lead, coal) 7 0 0 14½ 1000 Mining Co. of Ireland (copp., Hintshire 10 0 8 11½ 1000 Mining Copper, Mines (copper), Auglesey [L.], 1 2 6 9½ 1000 Parys Mines (copper), Auglesey [L.], 50 0 0 10 1000 Mining Copper, In.), Linkinghorne 100 0 435 1172 Polberro (tin), Nt. Agnes 5 1000 Flooding (copp.), Uny Lelant (S. E., 10 6 7, 35 30 35	0 5 0 0 5 0 Mar 1861
1000 Hilbernian Mine Company 92 6 2 95 160 Levant (copper, tin), 8t. Just 21 0 0 95 1400 Lisburne (lead), Cardiganshire, Wales* 18 15 0 125 19000 Marke Valley (copper), Caradion 4 10 6 94 19000 Minch Valley (copper), Caradion 4 10 6 94 1900 Minch Mining Co. (L.), (id.), Wrexham 25 0 0 180 1900 Minling Co. of Ireland (cop., lead, coal) 7 0 0 144 1900 Minling Co. of Ireland (cop., lead, coal) 7 0 0 144 1900 Minling Co. of Ireland (cop., lead, coal) 7 0 0 144 1900 Minling Co. of Ireland (cop., lead, coal) 7 0 0 144 1900 Minling Co. of Ireland (cop., lead, coal) 7 0 0 144 1900 Minling Co. of Ireland (cop., lead, coal) 7 0 0 144 1900 Nouth (Flexible Minling) 1 0 0 25 1900 North Grant Work, Breage 1 3 0 44 1900 North Great Work, Breage 1 3 0 44 1900 Tacolis (copp., St. Blazey [S.E.] 1 2 6 9 1900 Phomis (copper, In), Linkinghorne 100 0 0 435 1900 Phomis (copper, In), Linkinghorne 100 0 0 435 1900 Phomis (copper, In), Linkinghorne 100 0 0 435 1900 Phomis (copper, In), Linkinghorne 100 0 0 435 1900 Phomis (copper, In), Linkinghorne 100 0 0 435 1900 Phomis (copper, In), Linkinghorne 100 0 0 435 1900 Phomis (copper, In), Linkinghorne 100 0 0 435 1900 Phomis (copper, In), Linkinghorne 100 0 0 435 1900 Phomis (copper, In), Linkinghorne 100 0 0 435 1900 Phomis (copper, In), Linkinghorne 100 0 0 435 1900 Phomis (copper, In), Linkinghorne 100 0 0 435 1900 Phomis (copper, In), Linkinghorne 100 0 0 435 1900 Phomis (copper, In), Linkinghorne 100 0 0 435 1900 Phomis (copper, In), Linkinghorne 100 0 0 435 1900 Phomis (copper, In), Linkinghorne 100 0 0 435 1900 Phomis (copper, In), Linkinghorne 100 0 0 435 1900 Phomis (copper, In), Linkinghorne 100 0 0 435 1900 Phomis (copper, In), Linkinghorne 100 0 0 435 1900 Phomis (copper, In), Linkinghorne 100 0 0 435 1900 Phomis (copper, In) 100 Phomis (copper, In)	
160 Levant (copper, tin), 8t. Just. 2 10 0 95 400 Lisburne (lead), Cardiganshire, Wales* 18 15 0 125 9000 Marke Valley (copper), Caradon 4 10 6 94, 94, 94, 99, 18000 Marke Valley (copper), Caradon 4 10 6 94, 94, 94, 18000 Minding Co., of Ireland (cop., lead, coal) 7 0 114, 1800 Minding Co., of Ireland (cop., lead, coal) 7 0 114, 18000 Minding Co., of Ireland (cop., lead, coal) 7 0 114, 18000 Minding Co., of Ireland (cop., lead, coal) 7 0 114, 18000 Minding Co., of Ireland (cop., lead, coal) 7 0 114, 18000 Minding Co., of Ireland (copper, lead) 4 0 0 25 6000 North Grand Work, Breage 1 3 0 44, 18000 Minding Copper, language S.E., 1 2 6 94, 18000 Craedd (lead), Fintshire 0 0 8 114, 18000 Craedd (lead), Fintshire 1 2 6 94, 18000 Craedd (lead), Fintshire 1 5 0 0 0 0 - 5 1000 Craedd (lead), Fintshire 1 5 0 0 0 0 - 5 1000 Craedd (lead), Fintshire 1 5 0 0 0 0 - 5 1000 Craedd (lead), Fintshire 1 5 0 0 0 0 - 5 1000 Craedd (lead), Fintshire 1 5 0 0 0 0 0 435 1772 Polberro (tin), St. Agnes 5 10000 Craedd (lead), St. Agnes 6 10000 Craedd (lead), St. Agnes 7 1000	14 10 0 2 0 0-June, 1861 6 15 0 0 15 0-Feb, 1861
400 Lisburne (iead), Cardiganshire, Wales* 18 15 0 125 9000 Marke Valley (copper), Caradio	6 15 0 0 15 0—Feb. 1861 1091 0 0 5 0 0—May, 1860
9000 Marke Valley (copper), Caradon 4 10 6 9½	. 372 10 0 2 0 0—Aug. 1861
5000 Mendip Hills (lead) [L.], Somerset 3 lb 0 134. 1800 Minera Mining Co., L.], (Id.), Wrexham 25 0 0 180. 19000 Mining Co., of freland (cop., lead, coal) 7 0 0 1414. 640 Mount Pleasant, Mold 4 0 0 25 6 6600 New Birch Tor and Vitifer Consols 1 6 6 2 134 2 1366 North Grambler, Redruth 2 7 6 6 6 6600 North Grambler, Redruth 2 7 6 6 6 6 6600 North Great Work, Breage 1 3 0 414 5000 Oracdd (lead), Flintshire 0 0 8 114 6400 Far Consols (cop.), St. Blazey [S.E.], 1 2 6 914 200 Parys Mines (copper), Auglesey [L.], 50 0 0 200 Phomic (copper, In), Linkinghorne 100 0 0 435 1772 Polberro (tin), St. Agnes 5 5 30 35 130 355 30	. 1 1 0 0 5 0-July, 1861
1800 Shinera Shinera Shinera Cop., 1804, 1805 1806 18	. 2 1 0 0 2 6-May, 1860
1900 Mining Co. of Ireland (cop., lead, coal) 7 0 0 14/4 640 Mount Pleasant, Mold 4 0 0 25 6600 New Birch Tor and Vitifer Consols 1 6 6 2 13/4 2 1366 North Grambler, Redruth 2 7 6 6 6600 North Great Work, Breage 1 3 0 4/4 5000 Oracdd (lead), Flintshire 0 0 8 1/4 6400 Far Chonsols (cop.), St. Blazey [8.E.] 1 2 6 9/4 200 Parys Mines (copper), Auglesey [L.], bo 0 0 200 Phomis (copper, lin), Linkinghorne 100 0 435 1772 Polberro (tin), St. Agnes 5 120 Physichene (tin), Uny Lelant [8, E.], 10 6 7 35 30 35 120 Physichene (tin), Uny Lelant [8, E.], 10 6 7 35 30 35 120 Physichene (tin), Uny Lelant [8, E.], 10 6 7 35 30 35 120 Physichene (tin), Uny Lelant [8, E.], 10 6 7 35 35 30 35 120 Physichene (tin), Uny Lelant [8, E.], 10 6 7 35 35 120 Physichene (tin), Uny Lelant [8, E.], 10 6 7 35 30 35 120 Physichene (tin), Uny Lelant [8, E.], 10 6 7 35 30 35 120 Physichene (tin), Uny Lelant [8, E.], 10 6 7 35 30 35 120 Physichene (tin), Uny Lelant [8, E.], 10 6 7 35 30 35 120 Physichene (tin), Uny Lelant [8, E.], 10 6 7 35 30 35 120 Physichene (tin), Uny Lelant [8, E.], 10 6 7 35 30 35 120 Physichene (tin), Uny Lelant [8, E.], 10 6 7 35 30 35 120 Physichene (tin), Uny Lelant [8, E.], 10 6 7 35 30 35 120 Physichene (tin), Uny Lelant [8, E.], 10 6 7 35 30 35 120 Physichene (tin), Uny Lelant [8, E.], 10 6 7 35 30 35 120 Physichene (tin), Uny Lelant [8, E.], 10 6 7 35 30 35 120 Physichene (tin), Uny Lelant [8, E.], 10 6 7 35 35 35 120 Physichene (tin), Uny Lelant [8, E.], 10 6 7 35 35 35 120 Physichene (tin), Uny Lelant [8, E.], 10 6 7 35 35 35 35 35 35 35	. 71 0 9 4 5 0-May, 1861
930 Stuff Fresant, 300 Strift Grant Work, Breage. 1 3 0 446. 5000 Oracid (lead), Flinishire 0 0 8 114. 5000 Oracid (lead), Flinishire 0 0 Strift Fresant, 300 Strift	. 14 7 11. 0 7 0-June, 1861
1366 North Grambler, Redruth	. 12 15 7 1 0 0-Mar. 1861
6000 North Great Work, Breage	. 0 2 6 0 2 6-May, 1861
5000 Oracdd (lead), Flinishire	0 10 0 0 10 0-Mar. 1861
640: Par Consols (cop.), 8t. Blazey (S.E.]. 1 2 6. 9½. 200 Parys Mines (copper), Auglesey [L.]. 50 0 0 200 Phomix (copper, tin), Linkinghorne . 100 0 0. 435	0 0 0 0 0 0 0 0 000
200 Parys Mines (copper), Auglessy [L.]. 50 0 0. —	36 4 6 0 5 0—July, 1861
200 Phonix (copper, tin), Linkinghorne100 0 0 435 1772 Polberro (tin), St. Agnes 5 5 5 30 35 30 35 30 35 30 35 30 35	. 7 10 0 2 10 0-April, 1861
1772 Polberro (tin), St. Agnes	449 10 055 0 0-May, 1861
1120 Providence (tin), Uny Lelant [S.E.] 10 6 7 35 30 35	. 6 9 6., 0 15 0-April, 1861
	. 59 15 0. 1 0 0-May, 1861
16 Rhosesmor	1250 0 0100 0 0— 346 0 0 5 0 0—May, 1861
	9 15 0 1 0 0-June, 1861
	484 0 0 0 15 0 -May, 1861
	. 5 6 0 0 2 6-Jan. 1861
6000 Tineron (cop., tin), Pool, Hogan [S.E.] 9 00. 5% 5% 5%	. 10 8 6. 0 5 0-Feb. 1861
torn Tolvasgen (copper), Marazion	. 0 13 6 0 3 0-Mar. 1860
	. 7 0 0 0 10 0—Sept. 1860
	. 52 0 0 2 0 0-May, 1861
1024 West Caradon (cop.), Liskeard [S.E.] 5 0 0 42 40 42	98 1 3 1 10 0—July, 1861
256 West Damsel (copper), Gwennap 37 0 0 55	45 0 0 1 0 0-May, 1860
6400 West Fower Consols (tin and copper), 7 10 0 5	0 14 0 0 2 0-May, 1861
400 W.Wh. Seton (cop.), Camborne [S.E.] 47 10 0 300 280 290	308 0 010 0 0-June, 1861
512 Wheal Basset (copper), Illogan*[S.E.] 5 2 6., 90 75 80	572 10 0 2 0 0-Aug. 1861
256 Wheal Buller (cop.), Redruth* [S.E.]. 5 0 0 105 85 95	929 0 0 2 0 0-May, 1861
500 Wheat Clinord (cop.), Gwennap S. E. 1 - 155 - 140 150	. 89 10 0 5 0 0-April, 1861
2000 Wheal Falmouth and Sperries 2 5 0 8 128 Wheal Friendship (copper), Devon 50 0 0 90	0 10 0 0 10 0—Feb. 1861 2400 10 0 5 0 0—Feb. 1861
	. 8 0 0 0 10 0—Sept. 1860
4800 Wheal Ludcott (lead), St. Ive 2 10 8. 2% 2% 2%	1 8 9 0 4 0-July, 1861
896 Wh. Margaret (tin). Uny Lel. [S.E.] +. 9 17 6 43 39 41	68 0 0 1 10 0-May, 1861
100 Wheal Mary (tin), Lelant 36 2 6 440	280 5 0 7 0 0-June, 1860
1024 Wh. Mary Ann (ld.), Menheniot [S.E.] 1 8 0 0 10 834 914	53 17 6 0 10 0-June, 1861
80 Wheal Owles, St. Just, Cornwall 70 0 0 300	275 13 0 5 0 0-May, 1861
5000 Wicklow (copper) [L.], Wicklow 5 0 0 58 59	41 17 6 2 12 6-Mar. 186
[* Dividends paid every two months. † Dividends paid ev	very three months. 1
	tery three memory

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MINES	WITH	DIVIDENDS	IN	AREVANCE	

	MINES	WITH DI	VI	DE	NDS	IN	AB	$\mathbf{E}\mathbf{Y}$	A	NC.	E.		- 1
700	Aberdovey (silver-lead). Merioneth	1 10	0	30			0	10	A	0 10	0-Mar.	1859
	Alfred Consols (cop.), I					1% 1%		20		0		6-Apri	
1624	Balleswidden (tin), St.	Just 1	1 6	0	12	-78 -74		12		0		0-Jan.	
	Brightside & Froggatt (314			3		0		0-Apri	
	Central Minera (lead)				514			0		0		0-Sept.	
	Charlotte United, Perri			2.,	1	36 36				0		6-Sept.	
	Collacombe (copper), L			0	12	74 70		3		0		0-Dec.	
	Condurrow(cop.,tin),C			0	5716	55 60		85				0-June	
	Copper Hill (copper) R				100	90.95						0-Sept	
4076	Devon and Cornwall (d	copper)	4 16	8	6							6-Feb.	
672	Ding Dong (tin), Gulvi	al 3	9 2	6	19			16	7	6	1 10	0-Mar.	1857
	Drake Walls (tin, copp				3/8	34 %		0	13	6	0 2	0-Sept	. 1857
	East Falmouth (silld.				34			0	7	6	0 2	6-Jan.	1858
128	East Pool (tin, copper).	, Pool, Illogan 2	4 5	0	400			305	0	0	2 10	0-Aug.	. 1858
6000	General Mining Co. for	Irel. (cop., ld.)	4 0	0	5	55%		1	0	8	0 8	3-June	, 1853
486	Grambler and St. Auby	yn (cop.) [S.E.] 4	7 10	0	11			23				0-July	
119	Great Work (tin), Ger	moe10	0 0	0	110							0-Feb.	
200	Herward United (lead)	, Flintshire 4	0 0	0	10							0-July	
6000	Hingston Down Con. (c	op.), Cals.[S.E.]			1%	1% 2						6-Nov.	
8000	Kelly Bray (lead, copp	er), Callington .	4 3	6	11/8					0		0-Feb.	
20	Laxey Mining Compan	y, Isle of Man10			1200			1420				0-June	
470	Newtownards Mining	Co., Co. Down., 5	0 0	0			**	56		0		0-Sept	
2000	North Dolcoath (coppe	r), Camborne		6	1/4			0		0		6-June	
700	North Roskear (copper), Camborne I	6 0	0	20	17 18				0		0-Sept	
1024	Rosewarne and Herlan	d United 1	1 8	10.			**					0-Oct.	
18000	Rosewarne United (cor	o.,tin), Gwinear 1	8 6	4			**			0		0-Sept	
12000	Sortridge Con. (cop.), W	nitenuren [S.E.]				11s. 13	S			0		6-July	
80000	South Crinnis (copper)	St. Austell 1	9 0	0	285					0		0-June	
20000	St. Day United (tin an	d cop.), Regruth	2 7	0		%		0		6		0-Feb.	
****	United Mines (copper)	wennap	0 10	0			**	80				0-Apri	
1094	Vale of Towy (lead), Ca West Providence (tin)	St Eath S.E.	0 13	6			••	0				0-July	
940	Wheal Bal (tin), St. J	not	9 19	0	3%							0-Apri	
4096	Wheal Edward (cop.),	Calatock C. P. 1				01/	••			0		0—Feb. 5 0—Mar	
1024	Wheal Grylls (tin), Pe	eranuthnoo	7 7	6	214	216	••	0		0		6-Nov	
\$000	Wheal Kitty (tin), St.	Agnes	4 10	0		3/	••			6		0-Jaly	
845	Wheal Lovel (tin), We	endron	9 12	0		34	**					0 0—Sept	
1024	Wheal Margery (tin, c	onner)	15 19	0	41/		••					0 0—Sept	
396	Wheal Seton (tin, cop)	ner). Camborne	10 10	0			**					0—Dec.	
1040	Wh.Trelawny(silld.)	Liskenrdis E 1	5 17	0	14					0		0-Oct.	
1022	Wheal Tremayne (tin,	cop.), Gwinear	19 10	6	5			20		6		6-Jan	
4096	Wheal Wrey Consols (lend), St. Ive.	3 9	0			**			6		6-Dec	
2000		commy, cos ivess			76			•	**			1000	2001

FOREIGN MINES

	I OILL		7.4	APA.	4.4	AU NO								
2464	Burra Burra (cop.), South Australia. 5	0	0	132				 265	0	0	5	0 0	-June,	1861
12000	Cobre Copper Co. (cop.), Cuba [S.E.] 40	0	0	37		36	88	 97	12	0	1	0 0	July.	1861
T0000	Copiapo Mining Company, Chilif's, E. 1 16	0	0	8				 6	8	0	0	5 0	Jan.	1861
15000	East Indian Coal, Calcutta [L.] 10	0	0	10				 7	16 D	er c	ent.		- Year	rly.
70000	English and Australian [S.E.] 5	0	0	31	6			 1	2	6	0	5 (-Feb.	1861
25000	Gen. Mining Assoc., Nova Scotia[S.E.]20	0	0	94				 18	5	0	1	0 (June,	1861
68000	Kapunda Mining Co., Australia [S.E.] 1	0	0	91	4			 0	8	0	0	2 (-June,	1861
15000	Linares (id.), Pozo Ancho, Spain [S.E.] 3	0	0					 8	6	2	0	3 4	-July.	1861
10000	Lusitanian (of Portugal) [S.E.] 2	0	0					 0	18	9	0	1 6	6-Aug.	1861
103815	Mariquita and New Granada [S.E.] 1	0	0	1,	6			 0	9	6	0	1 (5-July,	1859
100000	Port Phillip (gold), Clunes [S.E.] . 1	0	0	11	6			 0	4	0	0	1 (July.	1861
11000	St. John del Rey [L.], Brazil [S.E.] . 15	0	0			35	3516		5	0	2 1	10 (0-June,	1861
20000	West Canada Mining Company II 1		0	93			/ 100	 0		0	n		0 Tone	1660

10000 Alten and QuænangenUni.(cop.)[L.£5] 4 10 0 3 -	4 5 0 0 15 0-Nov. 1853
10000 Gt. Barrier Land, Min., &c., N. Ze. [L. £5] 4 5 0 314	15 per centMay, 1859
10000 Pontgibaud (sillead), France [S.E.] 20 0 0 4	1 0 0 1 0 0-June, 1855
43174 Unit. Mexican(sil.), Mexicof S.E. lAv. 28 5 0. 5 - 414 434	1 16 6 0 4 0-Feb. 1853

	MON-DIVIDEND FOREIGH	N	MJ	IN	ES.				
hares.		p	aid.	L	ast Pr	. Bus.	done	. Last	Call.
20000	Australian (copper), South Australia [S.E.]	7	7 6		134	1 1	34 .	.Sept.	
* aucu	Bon Accord, South Australia (conner) [L. £1] [S E]	n	37 8		136		70	.Dec.	1860
6000	Central American (silver) [L,]	5	0.0		812			.Feb.	
17000	Central American (silver) [L.] Central Italian (copper) [7000 £2 paid]	0	6 0		-/5			.Jan.	
00000	Clarendon Consols (copper), Jamaica [S.E.]	0	17 6		34			.Jan.	
T0000	Copiano Smeiting L. I. Chili	10	0.0		814			. Fully	
		ĩ	0.0		1			. Fully	paid.
auuuu	East Kongsberg Native Silver Mining Co. of Norway II. 431	ĩ	0.0		34			.April	
		0			11%			July,	
8000	Engish and Canadian Mining Company (L.)	5	0.0					.Fully	
2000	Fortuna (lead), Spain [L. 118, E. 1	2	0.0		234			.Fully	
D 00000	Great Northern (copper), South Australia II. £21 fs E. 1	1	0.0		112	134			•
4000	Hope Silver-Lead and Copper Mining Co. II. 1 Jameica	25	0.0				- //	Fully	paid.
PUUUUU	Imperial Thessalian (lead, &c.), Thessalv II. £21	0	10 0		34			June,	1860
90000	Lagunazo (sulphur, copper), Portugal [L. £1]	0	10 0		12			.May,	1861
00000	New Granada (gold), South America (S.E.)	1	0 0		12			. Fully	paid.
10000	New Grand Duchy of Baden (silver-lead), near Freiburg	1	0.0		1			Nov.	
60000	North Khine Copper of South Australia IL. £11 (S.F.)	0	19 6		3/			.June,	1860
12000	Pagnica Milver Mining Company Mexico II. 41	0	10 0		917			April	, 1861
OULUU	Scottish Australian Mining Company [L. £1]	- 63	70 0		37.			.Nov.	
#0000	South Europe Mining Company, Spain [1, 45]	- 33	0.0		_			May,	1860
								.Mar.	1860
* 3000	Victor Emission, Italy IL 1170 000 Pref Shares 5s nd 98 000	1.4	100		932				
								.Oct.	
								.July,	1861
								. Fully	paid.
00000	Worthing (copper), South Australia [L.] [S.E.]	1	0.0		*			.Fully	paid,
			-						1

CAILWAY AND COMMERCIAL		[Aug. 10, 186
PROGRESSIVE MINES. Paid. Last Pr. Bus. done. Last Call. 25 Abbey Consols (id.) Cardigan. 2 7 0 1 Nov. 1840	5000 N.Nant-y-Mwyn(id.),[L.10s.] (4096 North Rosewarne, Gwinear 5000 N.Treiether(sil.,cp.),Padstow	1 0 0. 136
10 Allt-y-Crib (lead) [L.£5]. 2 8 6. 2	1024 North Wheal Busy (cop., &c.)	3 9 22 20 21De 1 14 0 2¼ 3 3¼Jm 3 10 5 4Fe 0 14 0 7¼6¼ 7¼Ma
Aug. 1890 Bampfylde (copper), Devon., 0 15 0., 4	4000 N. Wh. Exmouth (cop., lead) 1 2000 North Wheal Prospidnick	7 0 —
00 Billins (iead) [L. £30]	5900 North Wheal Profitin), Breage 4000 N. Wrey (ld.), St. Ive [L.£2].	0 12 0. %. % %Ju
50 Bosorne & Bollowali, St. Just 6 5 0 10	600 Old Tolgus United (cop.) Redr. 3: 800 Pant-y-Buarth (ld.) [L. £10]. 200 Pant-y-Pwydu(ld.), Flintshire 1:	9 18 0 17 14 15Ma 6 0 0 20Ma 0 0 0 20
00 Frea Con.(tin), St. Ives [L. 30s.] 1 0 0 . 22s	5000 Pendeen Consols, St. Just	3 12 0. 434. 5 At
00 Brynford Half (id.),Flintahire 15 10 0 26	512 Penhaldarva (lead) 1 800 Penhale Moor (tin, copper)	6 0 0 15 Oc 4 0 0 5 Ju 1 4 0 514 Ja
80 Buller and Basset Unit. (cop.) 3 5 0 115	200 Penralt (lead), Merioneth	2 0 0 2¼ 0 0 0 15¼ 0 19 0 ¾
00 Camborne Consols (copper). 16 10 0. 8 June, 1861 00 Camborne Vean & Wh. Francis 7 12 4 136, 136 176 July, 1861 14 Caradon Cons. (cop.), St. Cleer 21 12 0 816 716 816 June, 1861	1004 Praed Consols (tin), Lelant 6400 Prideaux Wood (tin, cop.)	3 12 0 16s Mi 8 0 0 12
16 Cargoll (allver-lead), Newlyn 15 5 7 14	6000 Portlemouth Consols, Devon. 11789 Redmoor(cop.,tin), Callington 6000 Releath (tin, cop.), Crowan. 2500 Rhoswydol and Bachelddon. 1 3000 Rhyscog (silver-lead) [L. £5]	0 6 3 — No
00 Carm Vivian (tin, cop., lead). 1 19 6. 2½	10000 Ribden (lead), Alton [L.]	1 0 0 1 Fu
00 Castleward, Ireland [L. £1] 0 10 01586d	4096 Rosewarne Consols (copper) 5000 Round Hill (cop., ld.), Salop 2000 Scorrier Con. (tin.cp.), St. Agnes 10000 Sigford Con. (cop., tin)[L.£1]	2 5 6 . 56
00 Clara United (sild.) ([L. £3] 2 0 0 14 Sept. 1890 0 Clara United (sild.) ([L. £3] 2 0 0 134 July, 1861 884 Clijah & Wentworth (tin,cp.) 27 0 6 134 Jan. 1861 00 Clinton and Edgecombe United 1 0 0 136 Oct. 1860 35 Oced Mawr Pool (lead) [L.]. 4 7 0 4 June, 1861 60 Colomandy (lead), near Mold. 1 0 0 218 No call.	5000 Silver Bank (silld.) [L. £1] 100 Silver Rake (lead) [L. £23] 15000 Silv.Vein, St. Winnow [L. £1]	0 15 0 340c 5 0 0 20Ja 0 5 0 214Ja 1 2 0 2Ja
00 Cornubia (tin), Roche 0 15 0. 1	512 South Basset (cop.), Gwennap 1 100 South Bryn Gwiog 6400 So. Buller & W. Penstruthal. 4096 S. Caradon Wh. Hooper (cop.)	11 0 8 14
00 Crolake (cop.), Tavistock —	6000 So. Carn Brea (cop.) [S.E.] 6138 S. Condurrow (tin.cp.), Camb. 2283 Sou. Crenver (cop.), Crowan. 6000 South Darren (id.) [L. £3½]	5 5 0 2¾Ju 1 19 0 12s11s. 12sJu 9 13 6 8¼
00 Cuddra (cop., tin), St. Austell 1 16 0. 2 1½ 1¼ May, 1861 00 Cwm Afon (cop.), Festi, [L.£1] 0 19 0	65000 S. Dev. Iron & Gen. Min. [L.£1] 1024 South Ding Bong, Gulval 6000 S. Dolcoath & Carnarthen Con. 6000 South Gernick (tin), Crowan.	0 10 0 . 34
000 Devon Great Wheal Ellen . 2 0 0 . —	1000 South Gorland 1024 So. Herodsfoot (Id.), Liskeard 6000 South Lady Bertha (copper) 4000 South Minera (L. £541)	1 2 6 2½
000 Durlo (tin), Lelant	5537 So. Phomix (cop.) Linkin 1024 South Tresavean, Gwennap 4096 S.Wh. Betsy, Mary Tavy, Dv. 1105 So. Wh. Crofty (cop.), Illogan	4 10 0 134
184 Eaglebrook (lend.), Cardigan 75 10 0 14 June, 1861 186 East Alfred Consols (copper) 3 12 3 136 136 137 May, 1861 180 E. Beam (tin), St. Aus. [FL.£2] 0 10 0 4 Aug. 1861 180 E. Bertha Con. (cop.), Taylst 0 17 0 136 July, 1861	1024 S. Wh. Ellen (cp.), St. Agnes	9 10 8 1 No 1 0 0 134 M 1 4 6 214 Ju
000 East Budnick and Mount	400 So.Wh.Seton(cop.),Camborne ? 794 Spearne Cons. (tin), St. Just.	25 13 0 18
000 East Fowey (cop.) [L. 50s.] 1 5 0. 1½ June, 1861 000 E. Grenville (cop.), Camborne 0 16 6. 43s37s. 39sJuly, 1861 000 E. Gunnis Lake & S. Bedf. (cp.) 5 9 6. 1	1024 St. Ives Wheal Allen (tin) 1000 Stencooseand Mawia (tin,cp.) 920 Stray Park (cop., tin) [S.E.]. 5000 Tavy Con. (cop.), near Tavis.	6 0 0 6 5 6Ji 2 10 0 2Ji 26 15 0 32 29 31Ji
000 East Polberro, St. Agnes 0 5 0 ¼	3000 Tees Side (id.), Cumberland. 6000 Tolcarne (cop.), Camborne	3 18 0 ¼Ja 1 2 6 3A 0 5 0 —Jı
122 East Seton, Camborne 0 2 0	6000 Tregardock (lead), St. Teath. 5000 Treloweth (copper), St. Erth. 1024 Trencrom (tin), Uny Lelant. 5000 Tresellyn and Scaddick Cons.	0 12 0 1¼A 5 18 8 4D 10 5 0 3J
190 E. Wheal Agar (cop.), St. Cleer 8 7 0 . 2	8000 Tretoil (copper, tin) 5600 Trevenen and Tremenheere . 1024 Trevoole, Crowan, Cornwall . 4096 Treweatha (sitld.), Menhen.	2 7 6 1%Ji 5 13 0 2½Ji 21 16 2 7¼ 7 7½M 4 8 6 ¼Ji
000 Fowey and Par Uni., St. Blazey 0 10 0. 1½	2048 Treworlis, Wendron	1 10 0 2
000 Garreg (lead), Flint 4 8 6 45 July, 1861 000 Gawton (copper), Tavistock, 1 12 0 12 12 June, 1861 024 Gelliffowller (id.), Holywell 0 2 6 55 6d June, 1861 000 Gernick (copper), Crowan 0 10 0 14 June, 1861	1000 Waenlas(Id.), Denbigh, L. £10	4 9 6 1½ 1½M 0 5 0 1½A 18 0 0 5A
892 Gogman (sit), -id.) (1990 £12½, 2992 £1) 2 Mar. 1891 144 Gonamon (copper), 8t. Cleor. 2 10 0 2½ 2 Mar. 1891 000 Goonzlon, 8t. Neot 0 2 6 49 Feb. 1861 000 Great Briggan 3 7 0 2½ June, 1861	3000 Watermouth Gt. SilLead [L.] 4000 Wentnor [L. £2½] 1024 W. Alfred (copper), Phillack. 100 W. Bryn Gwlog (id.) [L. £20]	1 13 0
996 Great Caradon (cop.), St. Ive. 1 8 0 44 14 14 14 14 14 14 15 14 14 15	1218 W.Condurrow(tin,cop.),Cam. 16 West Denbigh (ld.), Denbigh. 30000 W. Devon Con. (cop.),[L.£1] 4620 W. Great Work (tin), Germoe	35 0 0 50
104 Great Onslow Cons., Camelfd. 3 10 9. 34	25000 West Par Con. (cp.)St. Blazey 6000 W.Polmear(tin.cp.),St. Austell 1100 W. Rose Down (cop.), Caradon 256 West Sharp Tor(cp.) Rillaton.	1 0 10 0 21s 8 0 0 15½ 15 17A 129 0 0 35J
000 Gt.Tywarnhale (cp.), [L.,25] 3 0 0 . 3	5000 W. Snailbeach (lead) [L. £2] 4096 West South Caradon (copper). 1056 WestStray Park (cop.), Camb. 5000 West Tolcarne (cop.), Crowan	1 14 0 2½ 7 15 0 4½ 1 11 6 %
1500 Great Wh. Martha (cop.) [L.] 1 0 0 . 1½ . 1½ . Fully paid. 1240 Gunnis Lake (Clitters' Adit) . 0 2 0 . 3¼	512 West Tolgus (cop.), Redruth. 1879 West Trevelyan (tin, copper) 4000 West Wendron (tin), Wendron 512 West Wheal Frances, Illogan	8 8 0 34 0 13 0 13s
4400 Harwood (id.), Durham[L.£1] 0 3 6. 3 4	10000 West Wheal Jane (tin, &c.) 1024 West Wheal Lovell, Wendron: 3000 W.Wh.Margaret(tin), UnyLel 6000 Wheal Agar (copper), Illogan	2 16 0 1
1000 Keswick (lend), Portinscale . 8 0 0 1½	2048 Wh. Agnes (silvid), 8t. Kew 1024 Wh. Anna (id., blende), Perranz 500 Wheal Anne (tin), 8t. Austell 5000 Wheal Annie (cop.), Gwinear	0 16 0 1¼ 0 15 0 ¾
963 Lelant Cons. (tin), Uny Lelant 32 10 0 2½ Mar. 1861 Superior Construction (10 of 12 o	5990 Wh. Arthur (cop.), Calstock. 1000 Wheal Basset and Grylls (tin) 18000 Wh. Concord(silid.,cp.)[L.£ 3000 Wheal Conquer (tin, copper). 6000 Wheal Crebor (cop.), Tavistoci	4 0 0 8½ 1]0 5 0 — 1 0 0 1¼
1000 Lower Park Denbighshire [L.] 4 0 0 1968 Maudin Mines [2484 £8, 2484 £1 pd.] 2½ 1540 Merilyn (lead), Fint 3 11 6 1 34 1July, 1861	5120 Wheal Cupid (cop.), Redruth. 512 Wh.Damsel(cp.,tin), Gwennaj 4000 Wh. Emma(cp) Buckfastleigh	3 16 0 1½ 23 13 6 14 2 12 6 4
3400 Michell (lead), Filnt		7 2 0 1%1¼ 1½1 4 0 0 1¾ 1½1 0 10 6 1
\$411 Molland (cop.), S. Moulton. 2 8 0. 2s	10000 Wh. Lopes (tin, zinc) [L. £1]. 100 Wheai Louisa (cop.), Redruth.	0 10 0— 10 0 0130 0 10 3—
250 Nanty Mines (id.), Montgom. 20 0 0	5000 Wheal Nelson	1 4 0 1% 1% 2 17 10 0220
2000 New Wheal Clifford (copper). 6 6 0 4	1879 Wheal Prosper (cp., tin), Breage 1879 Wheal Prospidnick 240 Wh. Reeth (tin), Uny Lelant	7 10 0 3
2300 New Wh. Vor & E. Wh. Metal 9 0 0	1024 Wh. Sicily(silid.), Broadoak 4096 Wheal Sidney(tin), Plympton 2048 Wh.Sithney & Carnmeal Uni 1024 Wheal St. Andrew (copper).	3 9 1. 1¼. 2½ ··· 5 0 0. 3 ··· 5 0 0. 5 ···
10	512 Wheal Trannack, Sithney 512 Wh. Trefusis (cop.) Gwennap, 6000 Wheal Union (cop.), Redruth 6000 Wh. Unity (cop., tin), Gwinear	2 10 0 — 26 5 0 3 3 0 0 214 10 15 0 1 1 116 8 1 6 4 4 414
2500 North Frances, (cop.) [S.E.]. 13 5 0 4	10 4096 Wh. Uny (tin, oop.), Redruth 1024 Wheal Vyvyan (copper) 16000 Wheal Welcome (tin, copper) 16400 Whitford (lead), Holywell	0 10 0 — 1 0 0 41/4
2000 North Jane (tin, silver-lead). 3 0 0. 2%June, 186 5000 N.Laxey (Id.) Lof Man [3600_£7, 2400_£13 [1]June, 186 2000 N. Levant (tin, cop.), St. Just 6 12 6. 6	1024 Worvas Downs (tin), Lelant 1024 Worvas Downs (tin), Lelant 1024 Wrey Consols, Buckfastleigh	1 14 0 40 3 15 0 4 0 8 0 34 2 0 6 2
* These mines with [8. E.] appended have been admitted on the Stoc	k Exchange. Those mines with [L.]	appended have been incorporat